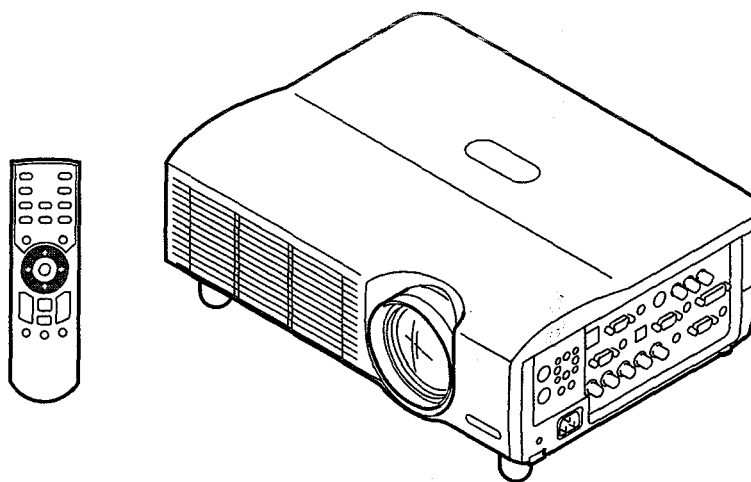


# SERVICE MANUAL

MODEL	DEST.	CHASSIS NO.	MODEL	DEST.	CHASSIS NO.
VPL-PX40	WORLD		VPLL-FM22	WORLD	
			VPLL-ZM102	WORLD	
			RM-PJM16	WORLD	



VPL-PX40  
VPLL-FM22  
VPLL-ZM102  
RM-PJM16

Data Projector  
Projection Lens (Available Separately)  
Projection Lens (Available Separately)  
Remote Commander

DATA PROJECTOR

**SONY**

## **⚠ 警告**

このマニュアルは、サービス専用です。

お客様が、このマニュアルに記載された設置や保守、点検、修理などを行うと感電や火災、人身事故につながる可能性があります。

危険をさけるため、サービストレーニングを受けた技術者のみご使用ください。

## **⚠ WARNING**

This manual is intended for qualified service personnel only.

To reduce the risk of electric shock, fire or injury, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so. Refer all servicing to qualified service personnel.

## **⚠ WARNUNG**

Die Anleitung ist nur für qualifiziertes Fachpersonal bestimmt.

Alle Wartungsarbeiten dürfen nur von qualifiziertem Fachpersonal ausgeführt werden. Um die Gefahr eines elektrischen Schlages, Feuergefahr und Verletzungen zu vermeiden, sind bei Wartungsarbeiten strikt die Angaben in der Anleitung zu befolgen. Andere als die angegebenen Wartungsarbeiten dürfen nur von Personen ausgeführt werden, die eine spezielle Befähigung dazu besitzen.

## **⚠ AVERTISSEMENT**

Ce manuel est destiné uniquement aux personnes compétentes en charge de l'entretien. Afin de réduire les risques de décharge électrique, d'incendie ou de blessure n'effectuer que les réparations indiquées dans le mode d'emploi à moins d'être qualifié pour en effectuer d'autres. Pour toute réparation faire appel à une personne compétente uniquement.

### **WARNING!!**

AN INSULATED TRANSFORMER SHOULD BE USED DURING ANY SERVICE TO AVOID POSSIBLE SHOCK HAZARD, BECAUSE OF LIVE CHASSIS. THE CHASSIS OF THIS RECEIVER IS DIRECTLY CONNECTED TO THE AC POWER LINE.

### **SAFETY-RELATED COMPONENT WARNING !!**

COMPONENTS IDENTIFIED BY A **⚠** MARK ON THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

### **ATTENTION!!**

AFIN D'ÉVITER TOUT RISQUE D'ÉLECTROCUTION PROVENANT D'UN CHÂSSIS SOUS TENSION, UN TRANSFORMATEUR D'ISOLEMENT DOIT ÊTRE UTILISÉ LORS DE TOUT DÉPANNAGE. LE CHÂSSIS DE CE RÉCEPTEUR EST DIRECTEMENT RACCORDÉ À L'ALIMENTATION SECTEUR.

### **ATTENTION AUX COMPOSANTS RELATIFS À LA SÉCURITÉ!!**

LES COMPOSANTS IDENTIFIÉS PAR UNE MAPQUE **⚠** SUR LES SCHÉMAS DE PRINCIPE, LES VUES EXPLOSÉES ET LES LISTES DE PIÈCES SONT D'UNE IMPORTANCE CRITIQUE POUR LA SÉCURITÉ DU FONCTIONNEMENT. NE LES REMPLACER QUE PAR DES COMPOSANTS SONY DONT LE NUMÉRO DE PIÈCE EST INDIQUÉ DANS LE PRÉSENT MANUEL OU DANS DES SUPPLÉMENTS PUBLIÉS PAR SONY.

**For the customers in the Netherlands**  
**Voor de klanten in Nederland**

Hoe u de batterijen moet verwijderen, leest u in de tekst van deze handleiding.

Gooi de batterij niet weg maar lever deze in als klein chemisch afval (KCA).



**Für Kunden in Deutschland**

Entsorgungshinweis: Bitte werfen Sie nur entladene Batterien in die Sammelboxen beim Handel oder den Kommunen. Entladen sind Batterien in der Regel dann, wenn das Gerät abschaltet und signalisiert "Batterie leer" oder nach längerer Gebrauchsdauer der Batterien "nicht mehr einwandfrei funktioniert". Um sicherzugehen, kleben Sie die Batteriepole z.B. mit einem Klebestreifen ab oder geben Sie die Batterien einzeln in einen Plastikbeutel.

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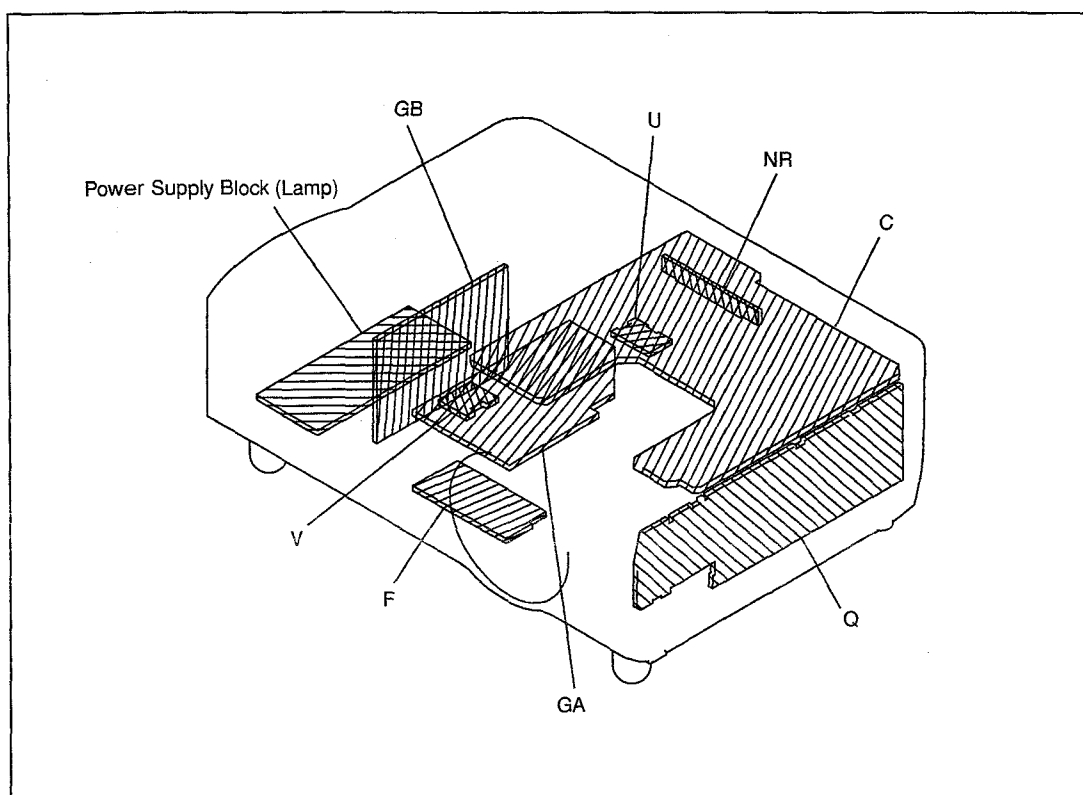
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## Section 1

### Service Information

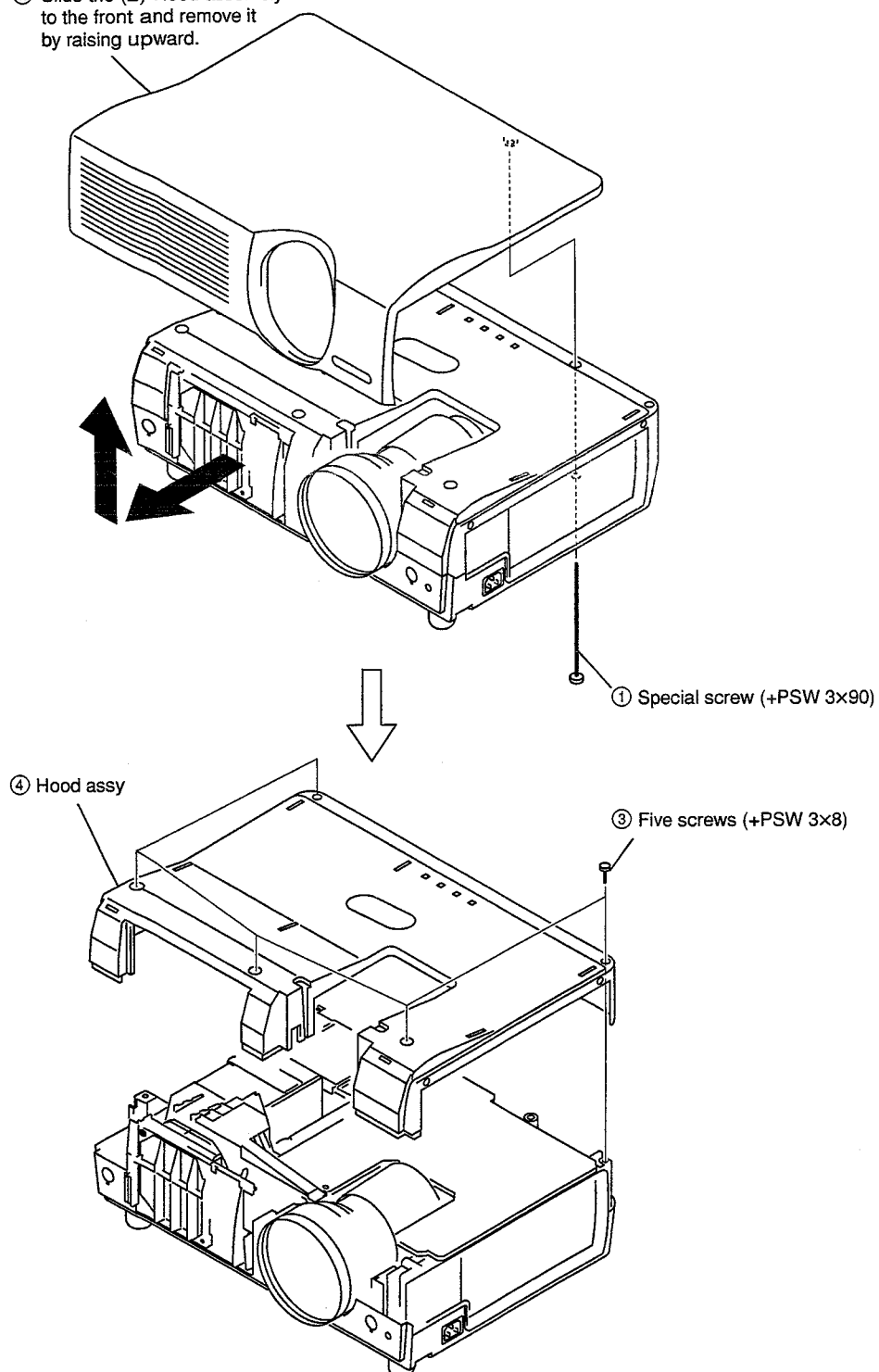
#### 1-1. Board Layout



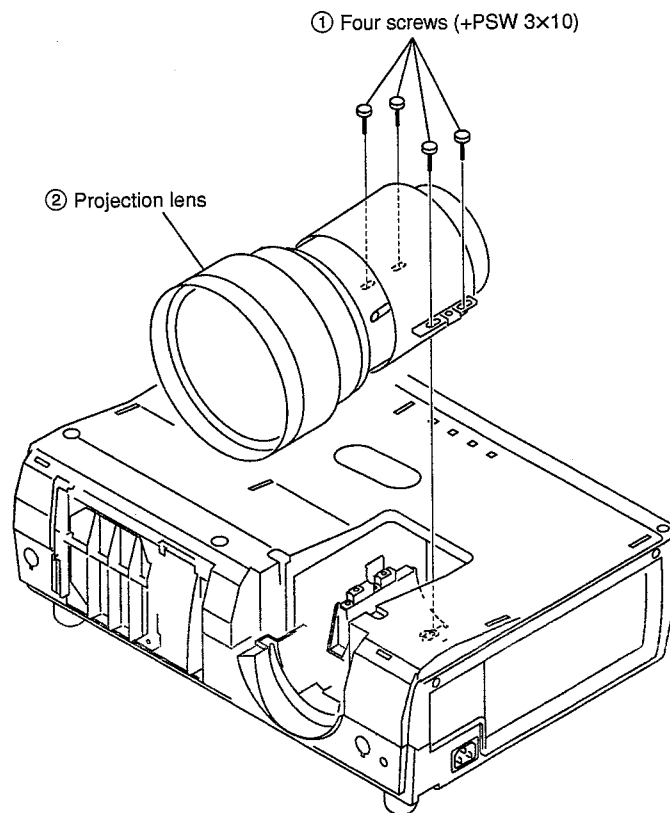
## 1-2. Disassembly

### 1-2-1. Top Cover Assy and Hood Assy Removal

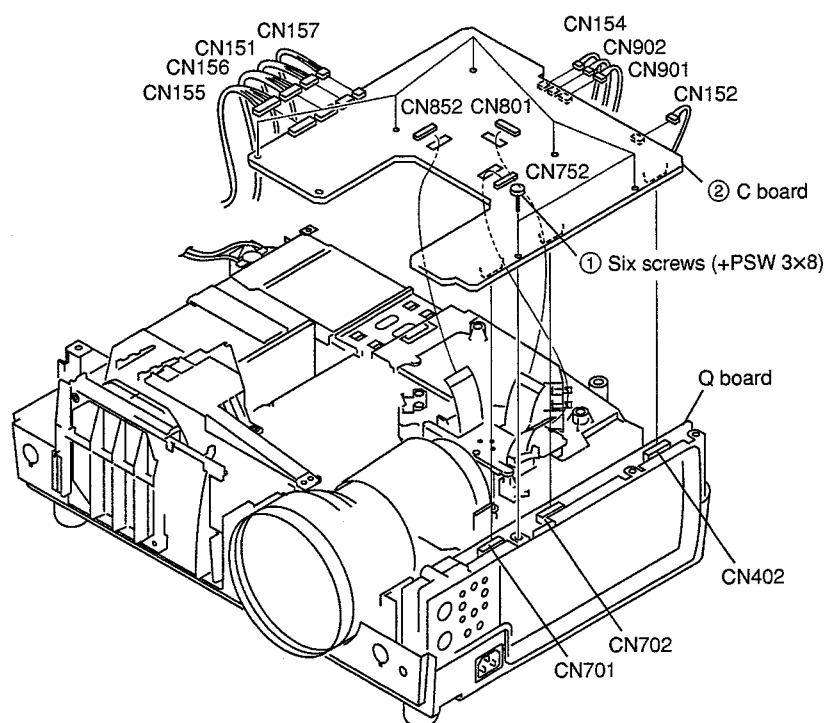
- ② Slide the (2) Hood assembly to the front and remove it by raising upward.



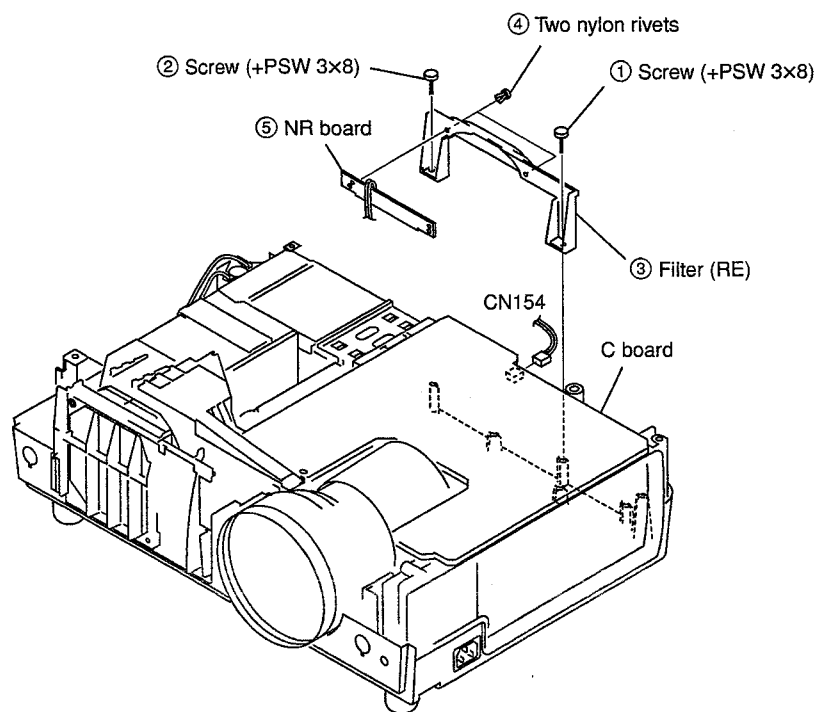
### 1-2-2. Projection Lens Removal



### 1-2-3. C Board Removal

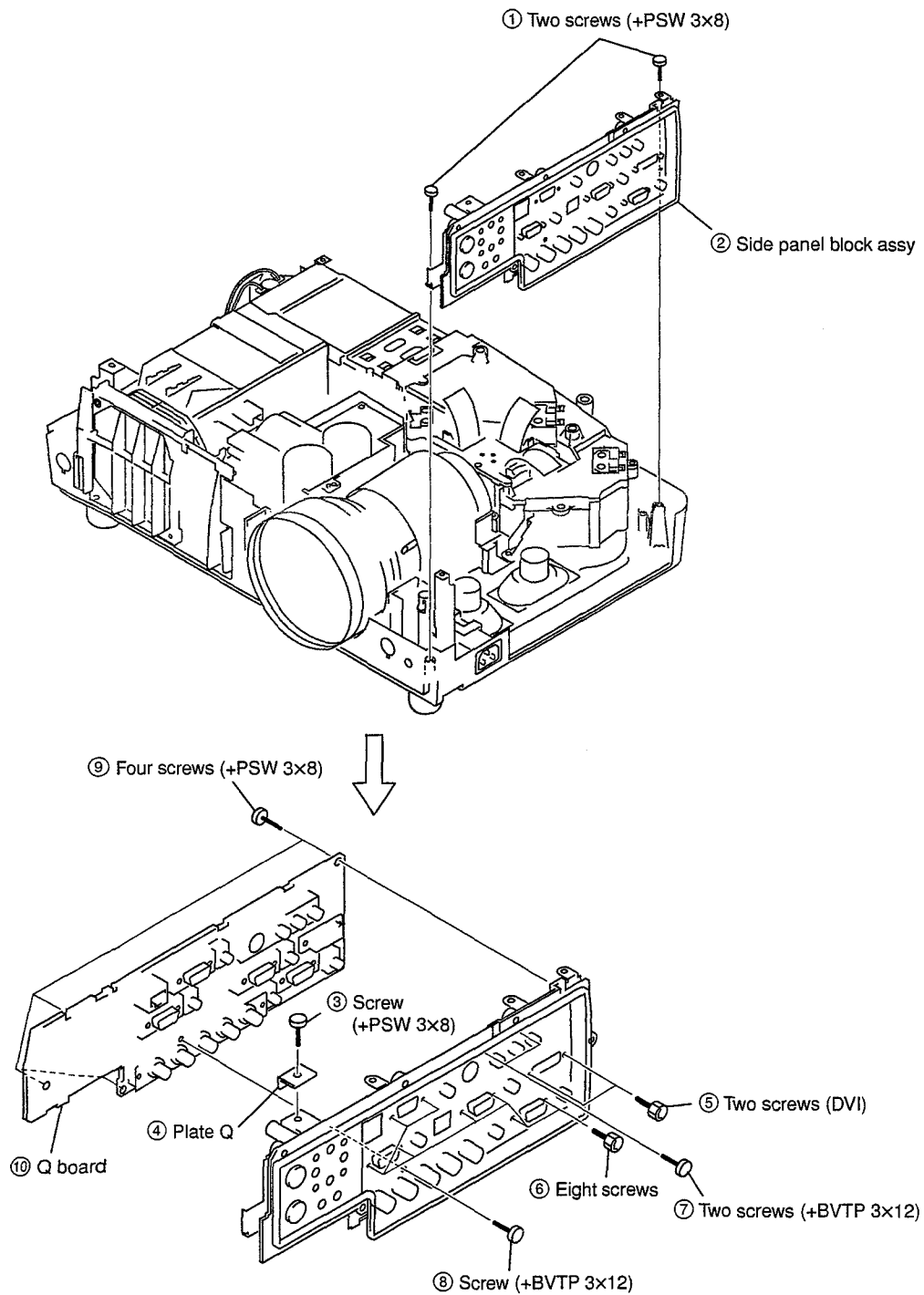


#### 1-2-4. NR Board Removal



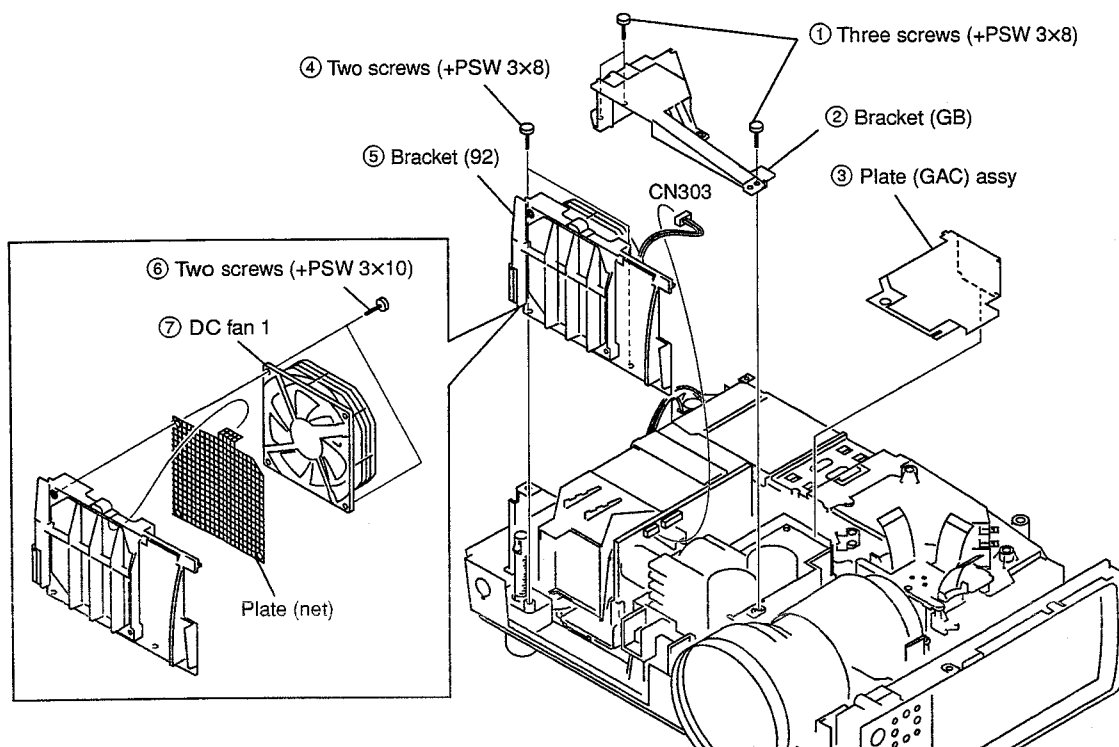
### 1-2-5. Side Panel Block Assy and Q Board Removal

\* To remove the side panel block assy and Q board, remove the C board beforehand.



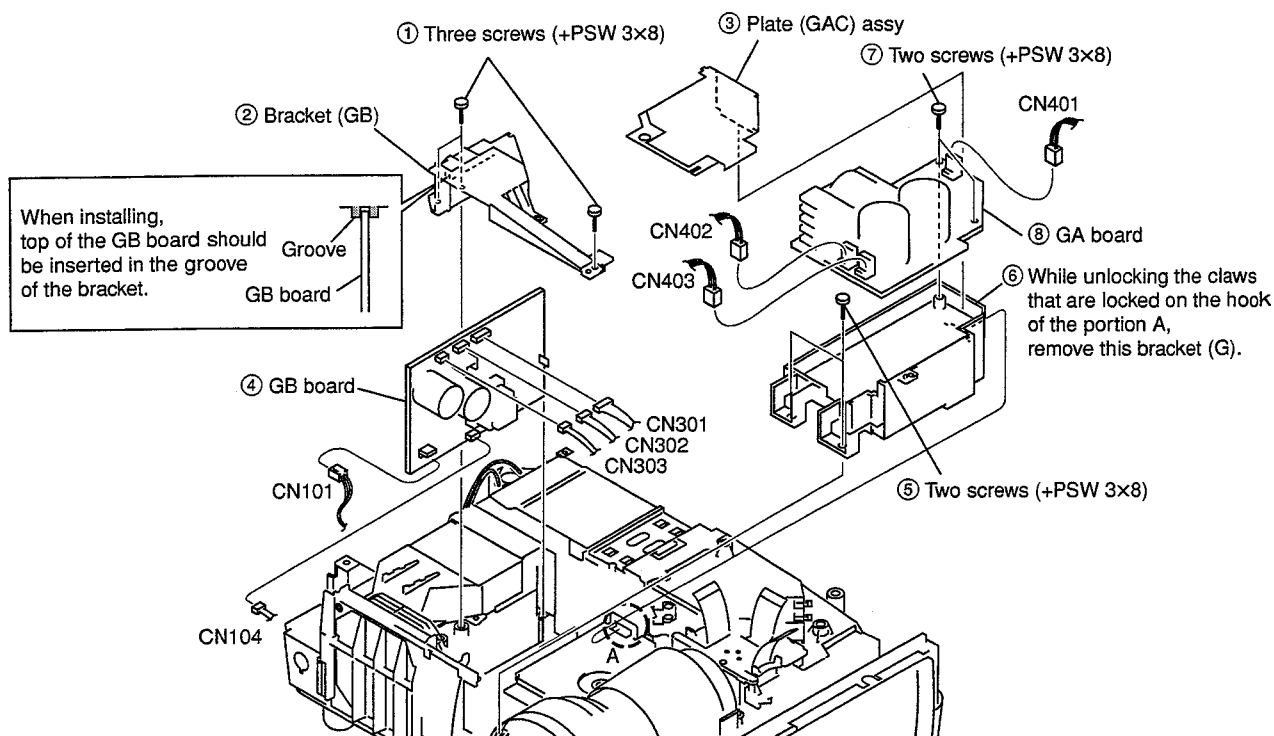
## 1-2-6. Bracket 92 and DC Fan 1 Removal

\* To remove the bracket 92 and DC fan 1, remove the C board beforehand.



## 1-2-7. GA Board, GB Board and Bracket (G) Removal

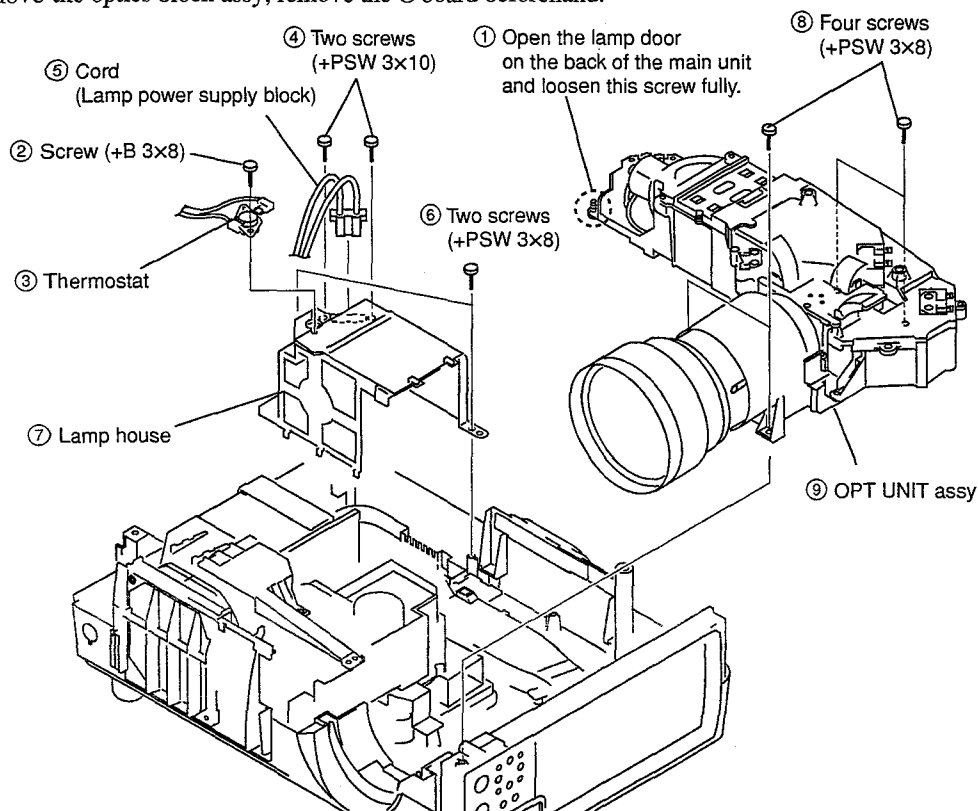
\* To remove the GA board, GB board and bracket (G), remove the C board beforehand.





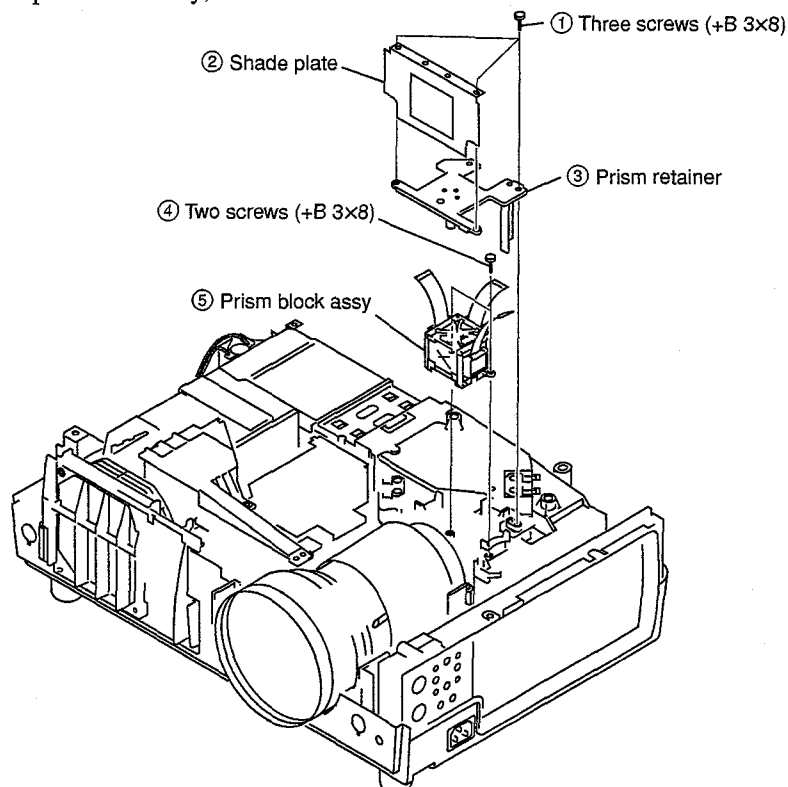
### 1-2-8. OPT UNIT Assy Removal

\* To remove the optics block assy, remove the C board beforehand.



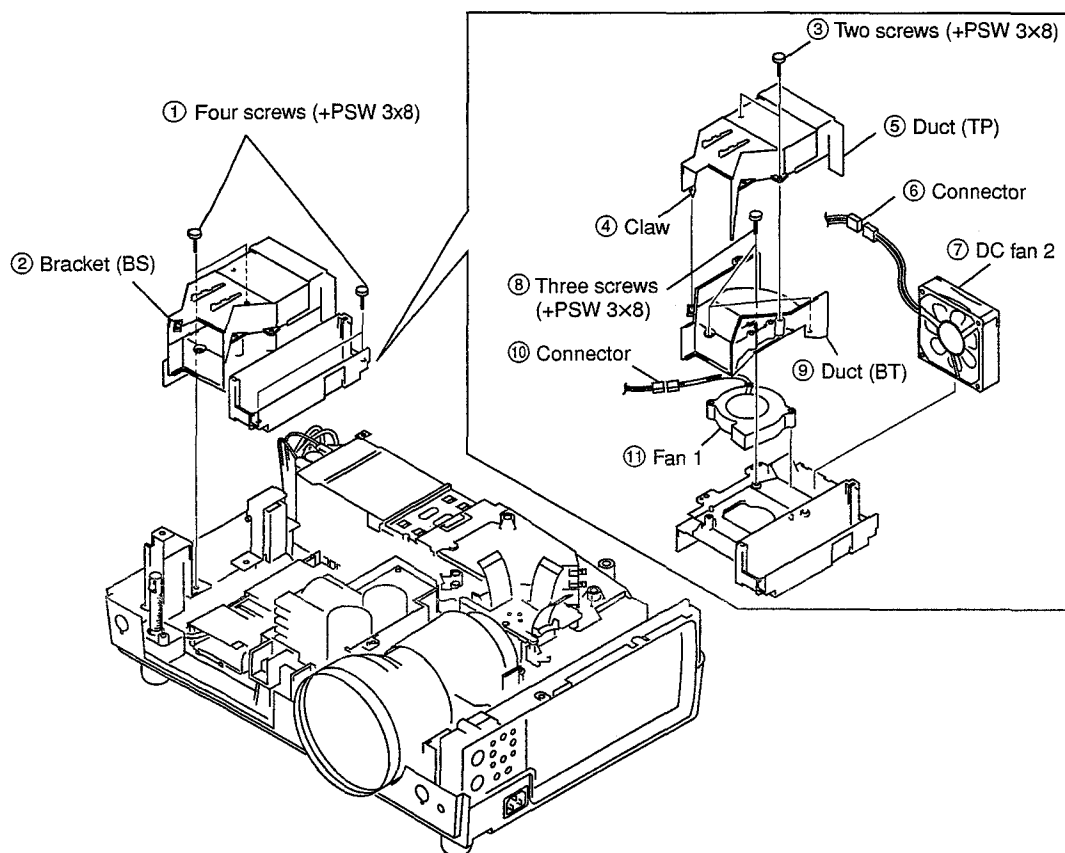
### 1-2-9. Prism Block Assy Removal

\* To remove the prism block assy, remove the C board beforehand.



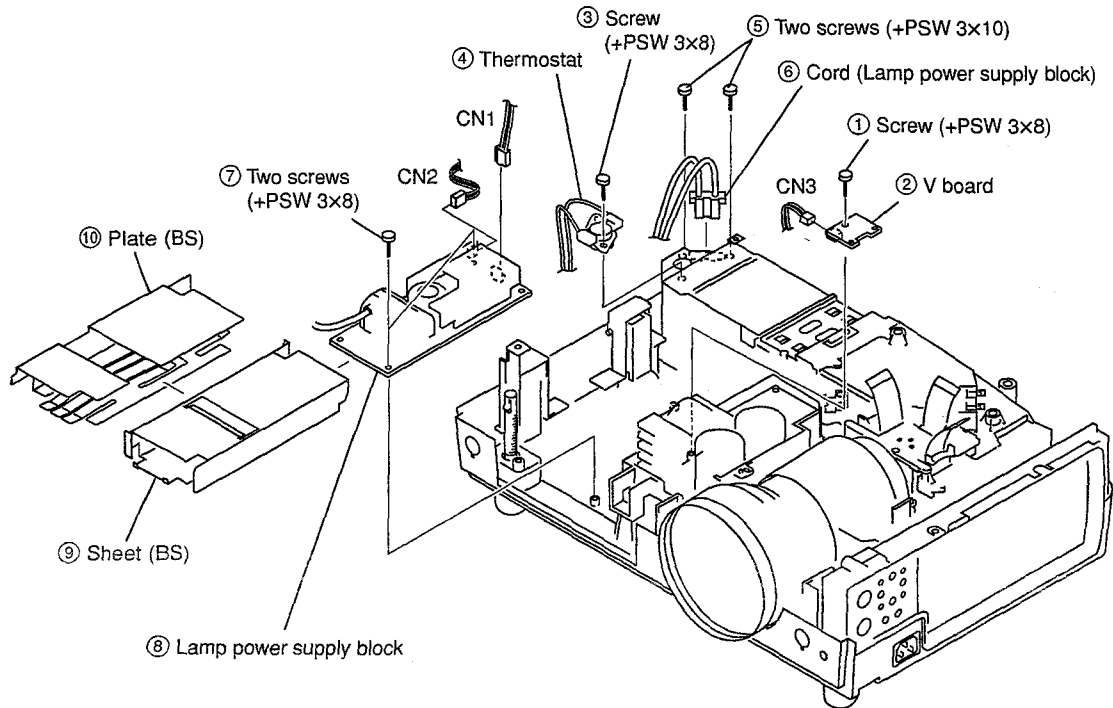
### 1-2-10. Bracket (BS), DC Fan 2 and Fan 1 Removal

\* To remove the bracket (BS), DC fan 2 and fan 1, remove the C board, bracket 92 and GB board beforehand.



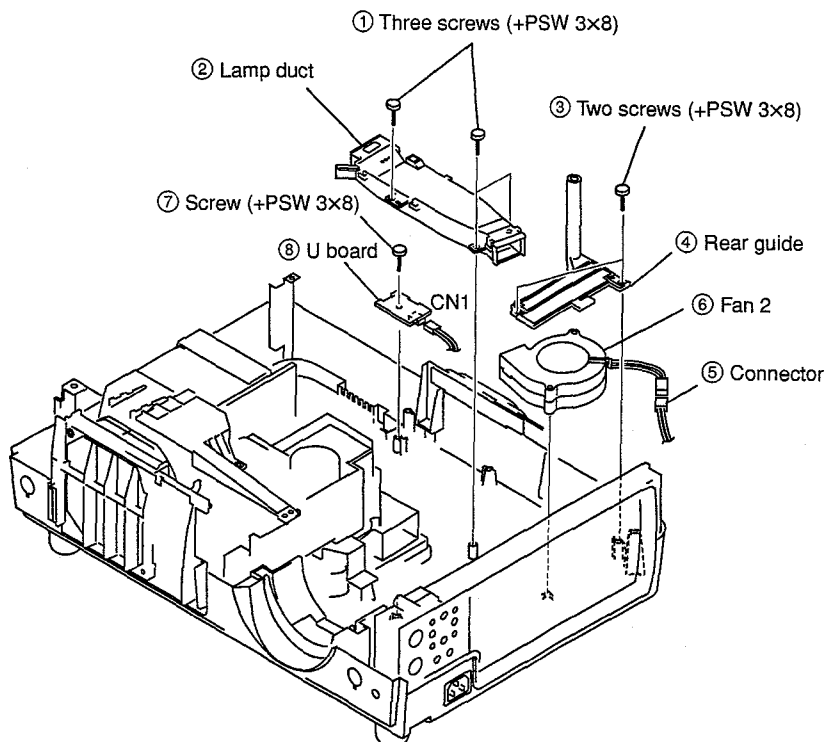
### 1-2-11. Lamp Power Supply Block and V Board Removal

\* To remove the lamp power supply block and V board, remove the C board, bracket 92 and GB board beforehand.



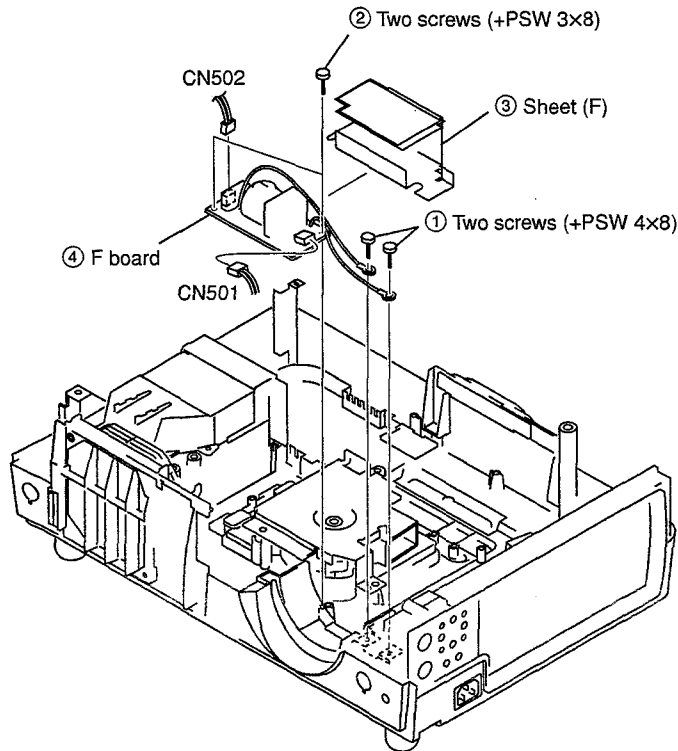
### 1-2-12. Fan 2 and U Board Removal

\* To remove the fan 2 and U board, remove the C board and optical block assy beforehand.



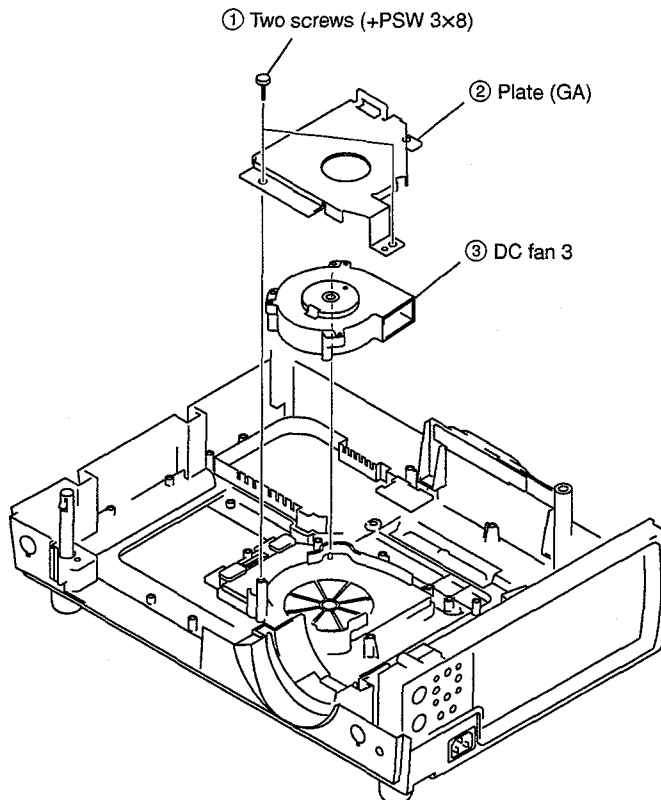
### 1-2-13. F Board Removal

\* To remove the F board, remove the C board, OPT UNIT assy and bracket (G) beforehand.

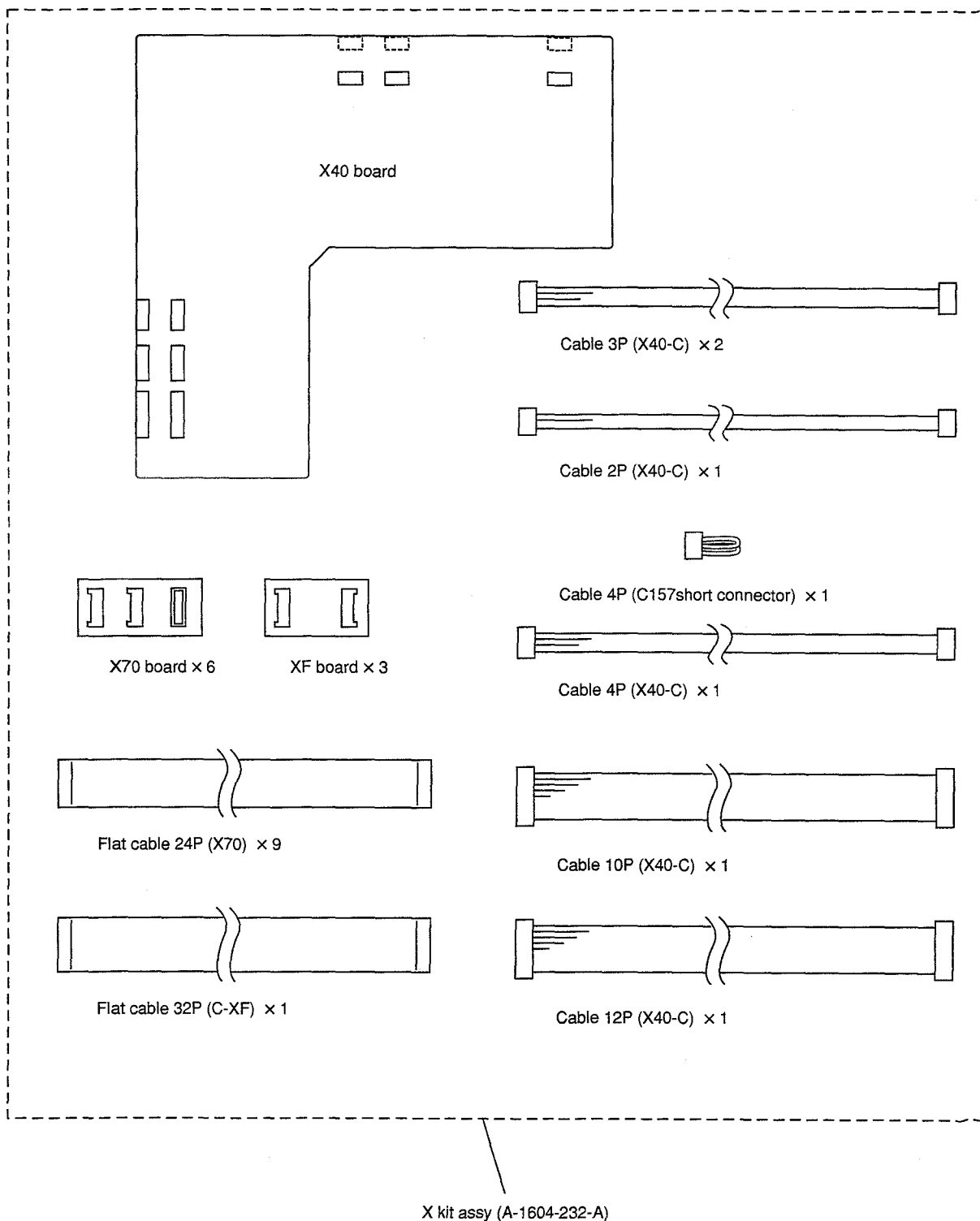


### 1-2-14. DC Fan 3 Removal

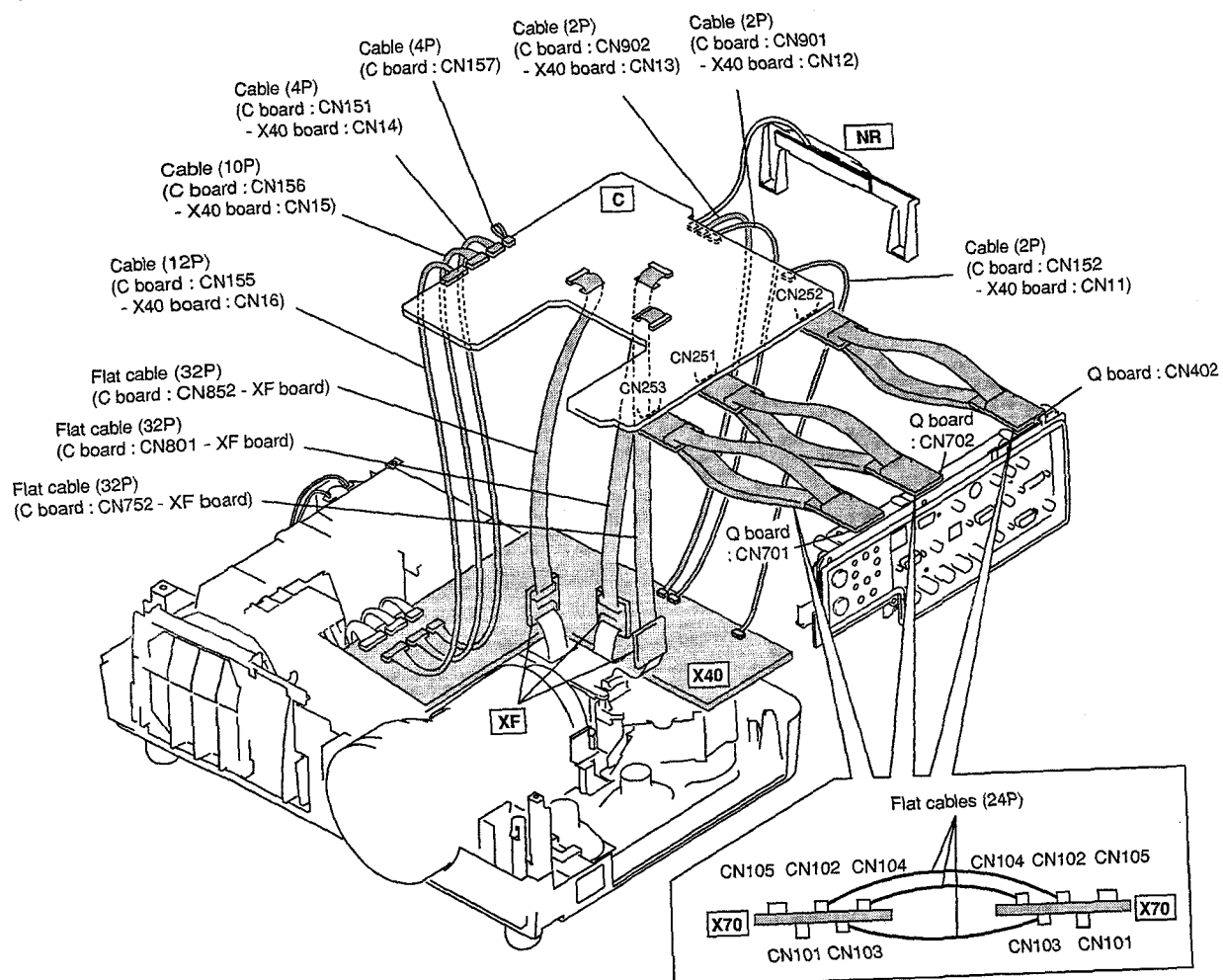
\* To remove the DC fan 3, remove the C board, OPT UNIT assy, lamp duct, bracket 92, bracket (BS) and bracket (G) beforehand.



### 1-3. Extension Boards and Extension Cables



### 1-3-1. Connection



### 1-4. Warning on Power Connection

Use a proper power cord for your local power supply.

	The United States, Canada		Continental Europe		UK, Ireland, Australia, New Zealand	Japan
Plug type	VM0233	290B	YP-12A	COX-07	— <sup>1)</sup>	YP332
Female end	VM0089	386A	YC-13B	COX-02	VM0310B	YC-13
Cord type	SJT	SJT	H05VV-F	H05VV-F	N13237/CO-228	VCTF
Rated Voltage & Current	10A/125V	10A/125V	10A/250V	10A/250V	10A/250V	7A/125V
Safety approval	UL/CSA	UL/CSA	VDE	VDE	VDE	DENAN
Cord length (max.)	4.5m (177 1/4 inches)		—			

1) Use the correct plug for your country.

## Section 2

### Electrical Adjustments

#### 2-1. Preparation

##### 2-1-1. Required Equipment

- Oscilloscope  
Tektronix 2465 or equivalent (350 MHz band width or more)
- NTSC, PAL, SECAM component signal generator  
Tektronix TG2000 + AVG1 (option module) + AWVG1 (option module) or equivalent
- VG (programmable video signal generator)  
VG814 or equivalent
- Digital voltmeter  
Advantest TR6845 or equivalent
- Illuminance meter

##### Note

Allow the warm-up time of 5 minutes after the power is on before starting the following adjustments.

##### 2-1-2. How to Enter the Factory Mode

1. Confirm that the MENU can be displayed.
2. Close the MENU.
3. Press the keys in the following order : **ENTER** → **ENTER** → **←** → **ENTER**.  
The message [Do you want to enter the Factory Mode?  
Yes : ↑ No : ↓] appears.  
Select [Yes : ↑].

##### [Supplementary information: How to Exit the Factory Mode]

Perform the step 3 KEY operation.

The message [Do you want to return to the User Mode?

Yes : ↑ No : ↓] appears.

Select [Yes : ↑].

#### 2-2. V COM Adjustment

1. Input the green-only, 30 IRE single-line ON/OFF signal to the input connector.  
(XGA signal)
2. Enter the G VCOM adjustment screen of the Device Adjust.
3. Adjust the G VCOM value so that the flicker is minimal.
4. Switch the input signal from green-only to red-only (30 IRE) then to blue only (50 IRE) single-line ON/OFF signal. In the same way as step 3, adjust the R VCOM and B VCOM values respectively so that the flicker is minimal.
5. Take note of the adjustment values.
6. Set the "Image Flip" to either V or HV.
7. Input the above R/G/B adjustment values.
8. Take note of the adjustment values.
9. Set the "Image Flip" to OFF.

## 2-3. Initial Values of Adjustment Items

MenuTitle	ItemName	MemoryName												Remark		
		Set Memory	Status Memory	Picture Memory								W/B Memory				
				Video / S Video		Input A / B / C		Input D		Video		Computer				
				Dynamic	Standard	Dynamic	Standard	Dynamic	Standard	Dynamic	Standard	High	Low		High	Low
PICTURE SETTING	Picture Mode		Standard													
	Adjust Picture...															
	Contrast			95	80	95	80	95	80							
	Brightness			50	50	50	50	50	50							
	Color			50	50	-	-	50	50							
	Hue			50	50	-	-	50	50							
	Sharpness			50	50	-	-	50	50							
	RGB Enhancer			-	-	30	30	30	30							
	Black Level Adj.			Off	Off	-	-	Off	Off							
	Gamma Mode			-	-	Graphics	Graphics	Graphics	Graphics							
	Color Temp.			Low	Low	High	High	High	High							
	DDE			Film	Film	-	-	Film	Film							
	Volume	30														
	Adjust Signal...															
INPUT SETTING	Dot Phase			15 (*)												
	H Size			*												
	Shift			*												
	Wide Mode			Off	Off	-	-	Off	Off							
	Scan Conv			-	-	On	On	On	On							
SET SETTING	Smart APA	On														
	Auto Input Search	Off														
	Input-D Signal Sel.	Computer														
	Color System	Auto														
	Speaker	On														
	Power Saving	Off														
	IR Reciever	Front & Rear														
	Illumination	On														



MenuTitle	ItemName	MemoryName												Remark	
		Set Memory	Status Memory	Picture Memory						W/B Memory					
				Video / S Video		Input A / B / C		Input D		Video		Computer			
				Dynamic Standard	Standard	Dynamic Standard	Standard	Dynamic Standard	Standard	High	Low	High	Low		
MENU SETTING	Status														
	Language														
	Menu Position														
INSTALL SETTING	Menu Color														
	V Keystone														
	Image Flip														
	Background														
	Lamp Mode														
	Direct Power On														
	High Altitude														
	Security Lock														
	Key														
		Enter x 4													
INFORMATION	fH	Display only													
	fV	Display only													
	(Memory No.)	Display only													
	(Resolution)	Display only													
	Lamp Timer	Display only													
	ROM Version	Display only													
	SC ROM Version	Display only													
	Operation Timer	Display only													
	Prev. Lamp Timer	Display only													
	IP Address	Display only													
W/B SETTING	Sub Net Mask	Display only													
	Gain R										140	140	140	140	
	G										140	140	140	140	
	B										140	140	140	140	
	Bias R										85	85	85	85	
	G										85	85	85	85	
	B										85	85	85	85	

\* The "Dot Phase E, H Size, Shift HV and Picture Mode" items in the "INPUT SETTING" menu have their respective initial values for each input signal (PRESET MEMORY No.).

### Note

There are some adjustment items that cannot be adjusted, depending on the input signal.



Device Name	Item Name	Memory Name														Re-mark			
		Set Memory	Status Memory	Chroma Memory					Channel Memory					Image Flip Memory					
				NT358/ NT443/ BW60	Pal/Pal-M/ N/Secam/ BW50	15kRGB Component (15k)	Double-speed component	HDTV (YP b Pr)	HDTV (GBR) includ. double-speed	Video	S Video	Input -A	Input -B	Input -C	Input -D		Up/ Down Inversion possible	Up/ Down Inversion not possible	
Chroma/ D.Comb	Ch1 Gain																		
	Ch2 Gain																		
	Video Brt																		
	Video Cont																		
	Sub Color																		
	LCBW																		
	Y-DeLay																		
	*1																		
	Ch3 Gain																		
	Ch4 Gain																		
	YUV Brt																		
	YUV Cont																		
	AOSL																		
	1E	Display only																	
Panel Driver	1F	Display only																	
	Offset R																		
	Offset G																		
	Offset B																		
	V Common R																		
	V Common G																		
	V Common B																		
	Psig 1	140																	
	Psig 2	52																	
	Signal Center	196																	
	Gain R	160																	
	Gain G	160																	
	Gain B	160																	
	DCFB Off	1																	
Sample Hold/ Other/	SH1	8																	
	V Com Ptn Enb	Non Adjustable																	
	Installation	0																	

Device Name	Item Name	Memory Name											Re-mark								
		Set Memory	Status Memory	Chroma Memory						Channel Memory				Image Flip Memory							
				NT358/NT443/BW60	Pal/Pal-M/N/Secam/BW50	15kRGBComponent (15k)	Double-speed component	HDTV (YP b Pr)	HDTV (GBR) Includ. double-speed	Video	S Video	Input -A		Input -B	Input -C	Input -D	Up/Down Inversion possible	Up/Down Inversion not possible			
Other	3D	Sub Cont	0																		
	Gamma	Sub Brt	0																		
		R Osd Lvl	31																		
		G Osd Lvl	31																		
		B Osd Lvl	31																		
		Through	0																		
		SW	1																		
		APC Thres	25																		
		APC Limit	32																		
		V Start	22																		
		H Start(MSB)	145																		
	Other/	H Start(LSB)	0																		
		H Position	17																		
		HST Position	19																		
		HST Phase	3																		
		Temp Lamp	Non Adjustable																		
		Temp Panel	Non Adjustable																		
		Fan1 H																	Non Adjustable	Non Adjustable	
		Fan1 L																	Non Adjustable	Non Adjustable	
		Fan2 H																	Non Adjustable	Non Adjustable	
Fan2 L																		Non Adjustable	Non Adjustable		
	Fan3 H																	Non Adjustable	Non Adjustable		
	Fan3 L																	Non Adjustable	Non Adjustable		
	Synchronous	0																			
	Tilt C0	Non Adjustable																			
	Tilt C1	Non Adjustable																			
	Tilt C2	Non Adjustable																			
	X Tilt	Non Adjustable																			
	Y Tilt	Non Adjustable																			
	TL	Display only																			
	TP	Display only																			
Gamma	Highland Mode	0																			
		Factory adjustment value																			

Device Name	Item Name	Memory Name														Re-mark																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
		Set Memory	Status Memory	Chroma Memory					Channel Memory					Image Flip Memory																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
				NT358/NT443/BW60	Pal/Pal-M/N/Secam/BW50	15kRGB Component (15k)	Double-speed component	HDTV (YP b Pr)	HDTV (GBR) Includ. double-speed	Video	S Video	Input -A	Input -B	Input -C	Input -D		Up/Down Inversion possible	Up/Down Inversion not possible																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
IP	Ip/ CTI Tap	3																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								

Device Name	Item Name	Memory Name														Re-mark
		Set Memory	Status Memory	Chroma Memory					Channel Memory					Image Flip Memory		
				NT358/ NT443/ BW60	Pal/Pal-M/ N/Secam/ BW50	15kRGB Component (15k)	Double- speed component	HDTV (YP b Pr)	HDTV (GBR) Includ. double- speed	Video	S Video	Input -A	Input -B	Input -C	Input -D	
IP	Ip2/ Sudare Rate 32	4														
	Sudare Thresh 32	64														
	Sudare Rate 22	4														
	Sudare Thresh 22	40														

### Notes

- There are some adjustment items that cannot be adjusted, depending on the input signal.
- \* 1 : The value changes depending on the color systems and input terminals.
- \* 2 : The value changes depending on the input signals.

## 2-4. Service Know-How

### 2-4-1. When the Prism Block Is Replaced

1. Perform the V COM adjustment. (Refer to Section “2-2. VCOM Adjustment”.)
2. Write the GAMMA data of the prism block.
3. Perform the white balance adjustment. (Refer to Section “2-5. White Balance Adjustment”.)

### 2-4-2. When the C Board Is Replaced

#### Note

If any board other than the C board is replaced, there is not adjustment item.

1. Install IC706 of the C board before replacement, into the new C board.
2. Enter the Factory Mode.
3. Perform the V COM adjustment. (Refer to Section “2-2. VCOM Adjustment”.)
4. If the white balance is significantly poor, perform the white balance adjustment. (Refer to Section “2-5. White Balance Adjustment”.)

## 2-5. White Balance Adjustment

### Preparation before adjustment

1. Input the 100 IRE flat field signal to the INPUT-D connector and allow the warm-up of 10 minutes aging at a minimum.

2. Enter the Service Mode.

Press the keys in the following order.

**ENTER** → **ENTER** → **↑** → **↓** → **ENTER**.

The message [Do you want to enter the Service Mode?

Yes : **↑** No : **↓**] appears.

Select [Yes : **↑**].

### [Supplementary information: How to Exit the Service Mode]

Perform the step 2 KEY operation.

The message [Do you want to return to the User Mode?

Yes : **↑** No : **↓**] appears.

Select [Yes : **↑**].

### 2-5-1. HIGH Mode of INPUT-D

Connect the 10-step signal to the INPUT-D connector and measure the chromaticities at each brightness.

If chromaticities are different at each brightness, perform the following adjustment.

1. Input the 100 IRE flat field signal to the INPUT-D connector.
2. Measure the chromaticity (x, y).
3. Input the 80 IRE flat field signal.
4. Adjust the GAIN R and GAIN B in the HIGH mode of W/B until the chromaticity (x, y) that is measured at step 2 is obtained.
5. Input the 30 IRE flat field signal.
6. Adjust the BIAS R and BIAS B in the HIGH mode of W/B until the chromaticity (x, y) that is measured at step 2 is obtained.
7. Repeat steps 3 to 6 until the chromaticity ( $x \pm 0.002$ ,  $y \pm 0.004$ ) with reference to the chromaticity (x, y) that is measured at step 2 is obtained.

### 2-5-2. LOW Mode of INPUT-D

1. Input the 80 IRE flat field signal to the INPUT-D connector.
2. In the LOW mode of W/B, adjust the GAIN R for +15 higher than the value in the HIGH mode, adjust the GAIN G for -25 lower than the value in the HIGH mode and adjust GAIN B that is the same as the value in the HIGH mode.
3. Adjust BIAS R, BIAS B and BIAS G for the same value as those of the HIGH mode.
4. Measure the chromaticity (x, y).
5. Input the 30 IRE flat field signal.
6. Adjust the BIAS R and BIAS B in the LOW mode of W/B until the chromaticity (x, y) that is measured at step 4 is obtained.
7. Input the 80 IRE flat field signal.
8. Adjust the GAIN R and GAIN B in the LOW mode of W/B until the chromaticity (x, y) that is measured at step 4 is obtained.
9. Repeat steps 5 to 8 until the chromaticity ( $x \pm 0.002$ ,  $y \pm 0.004$ ) with reference to the chromaticity (x, y) that is measured at step 4 is obtained.

### 2-5-3. HIGH Mode of VIDEO

1. Input the NTSC or PAL video signal to the input connector.
2. In the HIGH mode of W/B, adjust the GAIN R for -13 lower than the value in the INPUT-D HIGH mode, adjust the GAIN G for -11 lower than the value in the INPUT-D HIGH mode and adjust GAIN B that is the +35 higher than the value in the INPUT-D HIGH mode.
3. Adjust BIAS G, BIAS R and BIAS B for the same value as those of the INPUT-D HIGH mode.

### 2-5-4. LOW Mode of VIDEO

1. Input the NTSC or PAL video signal to the input connector.
2. In the LOW mode of W/B, adjust the GAIN R for +19 higher than the value in the INPUT-D LOW mode, adjust the GAIN G for -38 lower than the value in the INPUT-D LOW mode and adjust GAIN B that is the -18 lower than the value in the INPUT-D LOW mode.
3. Adjust BIAS G, BIAS R and BIAS B for the same value as those of the INPUT-D LOW mode.



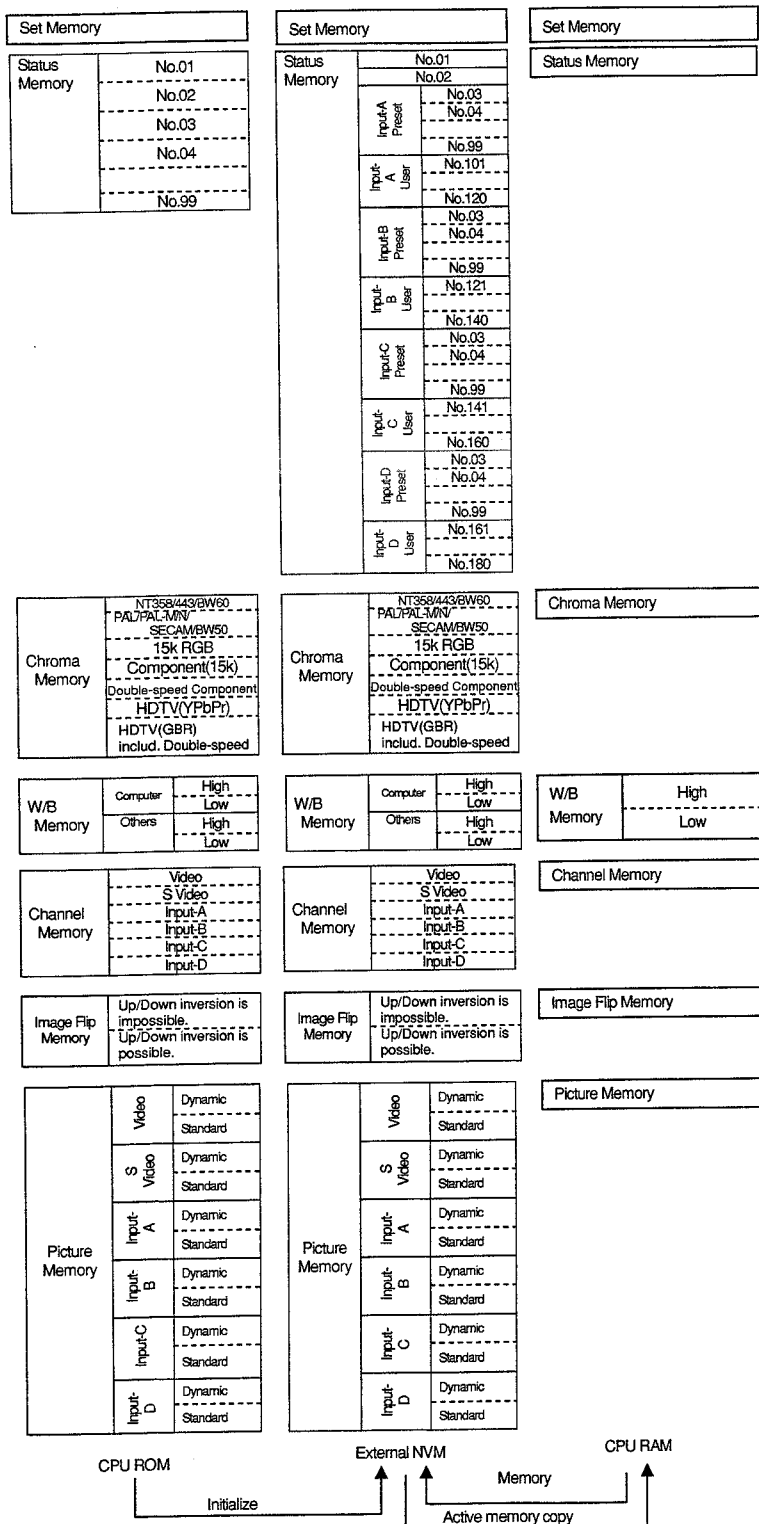
## 2-6. Memory Structure

### Memory Structure

CPU internal ROM : 384 K byte Flash Memory

CPU internal RAM : 24 K byte

External NVM memory : 8 K byte EEPROM



Memory structure of this model consists of the followings.

- 1 Set memory
- 2 Status memory
- 3 Chroma memory
- 4 W/B memory
- 5 Channel memory
- 6 Image Flip memory
- 7 Picture memory

\* The gamma memory is realized by giving offset to the Contrast and Brightness output values to the devices in the gamma mode function.

Flow of data is described briefly. When the power plug is connected to the wall outlet for the first time (Standby state), all data that are stored in the internal ROM are written in the NVM (non-volatile memory). When the POWER is turned ON, all the status memory data and other memory data that are required for the present picture are selected from each memory block and expanded in the internal RAM.

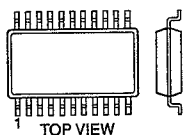
When any adjustment is performed at this moment, the adjustment data (user mode items) are written in the NVM (Service/Factory items) automatically triggered by the memory operation.

The adjustment items (W/B, Device Adjust) that can be adjusted in the Service Mode or in the Factory Mode, are memorized in the NVM at the time when the user performs adjustment and performs the memory operation. Note that the factory adjustment data will be lost at this moment.

## Section 3

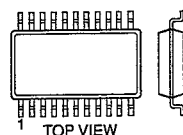
### Semiconductors

24LC21AT/SN  
BA033F-E2  
BA033FP  
BA033FP-E2  
GS1881-CTA  
ICS332-SX1738  
IRMF-A0T-QTP  
LM358PS  
LM358PSR  
M24C02-WMN6T(A)  
M24C64-WMN6T(B)  
MAX1626ESA-TE2  
MAX4223ESA-TG06  
MAX4223ESA-TG068  
MC33262DR2  
NJM082M  
SI4425DY-T1  
SN75157PS  
SN75157PS-ELL2000  
SN75453BPS  
SN75453BPSR  
ST24FC21M6TR  
TC7W126FU(TE12R)  
TC7W53FK(TE85R)  
TC7W53FK-TE85R  
TC7WH04FK(TE85R)  
TC7WH125FK(TE85R)  
TC7WH14FK(TE85R)  
TC7WH32FK(TE85R)  
TC7WH32FK-TE85R  
TC7WH74FK(TE85R)  
TC7WH74FU(TE12R)  
TL082CPS-E20  
UPC358G2-E2  
UPC393G2  
UPC393G2-E2



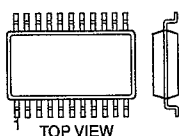
8pin SOP

74VHC00MTCX  
74VHC02MTCX  
HA4314BCB-E2  
SN74AHCT04PWR  
SN74LV08APWR  
SN74LV125APWR  
TC74VHCT04AFT(EL)  
TC74VHCT08AFT(EL)  
TC74VHCT08FT(EL)



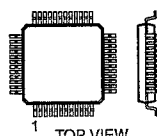
14pin SOP

74VHC123AMTCX  
BU4052BCF-E2  
MAX202CSE  
MAX202CSE-T  
MC74HC4052F  
MC74HC4053AFEL  
PC74HC123D-T  
TC74HC4052AF(EL)  
TC74HC4053AF(EL)



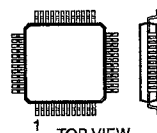
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78Q2120-64CGT  
CXA7000R-T6



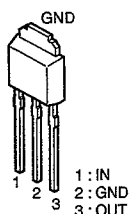
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AD9888KS-170

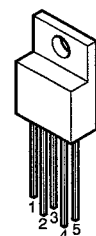


128pin QFP

BA00ASFP-E2



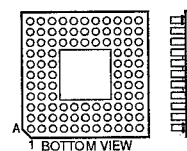
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BA00AST-V5



BA05FP-E2  
BA09FP-E2  
BA12FP-E2

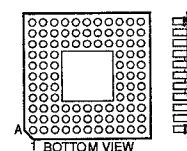


CXD9607GB



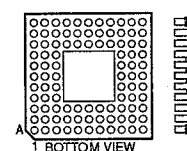
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CXD9721GG



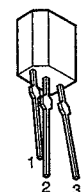
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CXD9746GG

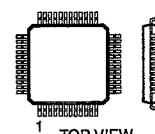


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HA17431UA(TL)  
HA17431UA-TL

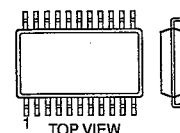


HD64F2377VFQ33V



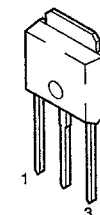
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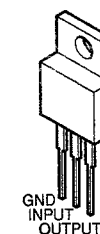


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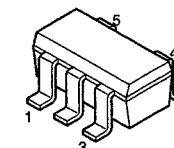
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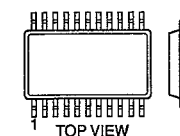
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LP2985IM5X-3.3

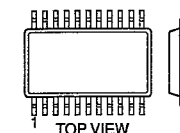


M52347FP-TE  
SN74LV541APWR  
TC74VHCT540AFT(EL)  
TC74VHCT541AFT(EL)  
TDA7309D013TR  
TPA2000D2PWPR



20pin SOP

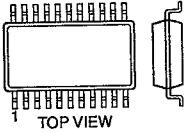
M62392FP



24pin SOP

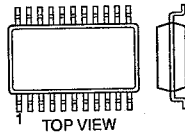
## IC, Transistor

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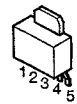
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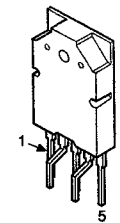


48pin SOP

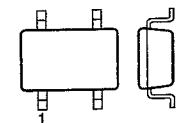
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**PQ2TZ15U**

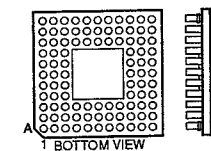


**PST3628UL**



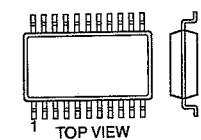
4pin CHIP

**PW164B-20TK**



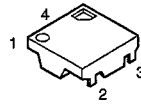
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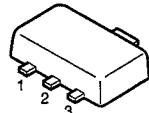


34pin SOP

**RS-140-T**



**S-80928ANMP-DDR-T2**

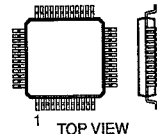


**S1S60000**

**S-93C46AFT-TB**

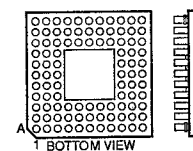
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**UPD64083GF-3BA**



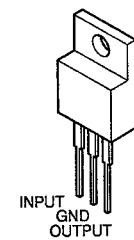
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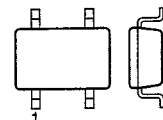
156pin PGA

**TA7805S**



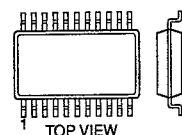
INPUT  
GND  
OUTPUT

**TC7SET08FU(TE85R)**



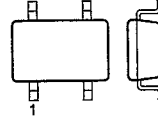
5pin CHIP

**TC7SZ125FU(TE85R)**



5pin SOP

**TK11900MTL**



6pin CHIP

**2SA1037AK-T146-QR**

**2SA1037AK-T146-R**

**2SA1162-G**

**2SA1162-YG-TE85L**

**2SA1576A-T106-QR**

**2SC2712-YG**

**2SC2712-YG-TE85L**

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**2SC4081T106R**

**2SJ530S-TL**

**DTA123EUA-T106**

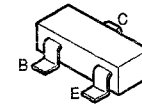
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**DTC144EE**

**DTC144EKA**

**DTC144EKA-T146**

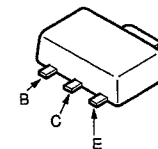
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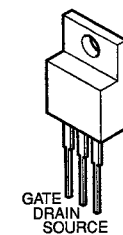
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**2SC2873Y-TE12L**

**2SD1623-S**



**2SK2876-01MR-F119**

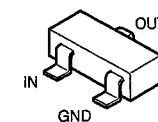


GATE  
DRAIN  
SOURCE

**DTA144EE**

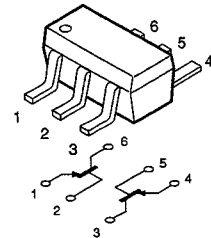
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**DTC144EE-TL**

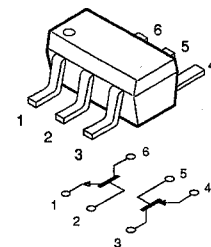


IN  
GND

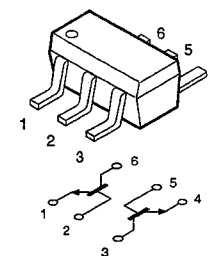
**HN1A01FU-TE85R  
XP4401**



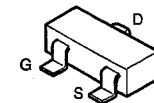
**HN1B01FU-TE85R**



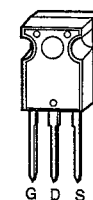
**HN1C03FU-TE85R**



**RK3055E-TL**

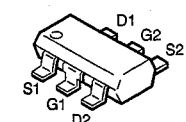


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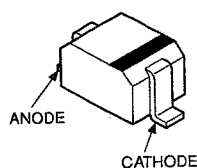
G D S

**SSM6N15FU(TE85R)**

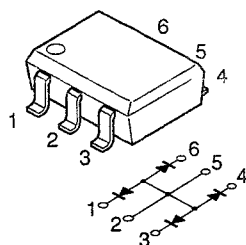


S1  
G1  
D2

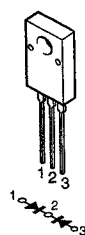
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EC31QS03L-TE12L  
MA111-(K8).S0  
MA111-TX  
RD16SB-T1  
RD18SB-T1  
RD27SB-T1  
RD3.3SB2-T1  
RD30SB-T1  
RD39SB-T1  
RD5.6SB-T1  
RD9.1SB2  
RD9.1SB2-T1



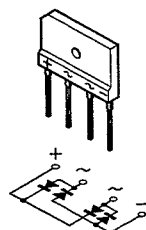
BZA456A



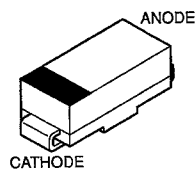
D10SC4M  
D10SC6M  
D10SC6M(RECTI)



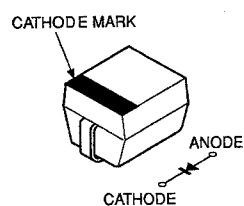
D10XB80



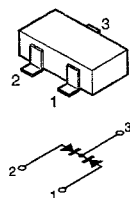
D1F20-TL  
D1FS4A-TA  
RB501V-40TE17  
RB501V-40TE-17



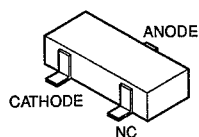
D2FS6-TA



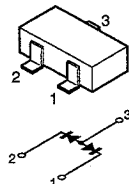
DAN202K  
DAN202K-T-146



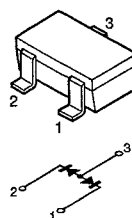
DAN202U  
DAN202UT106



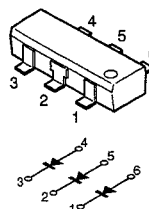
DAP202K(DUAL)  
DAP202K-T-146



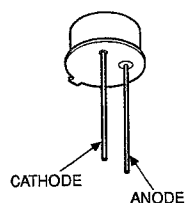
DAP202U  
DAP202UT106



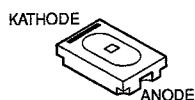
HN1D03FU-TE85L  
HN1D03FU-TE85R



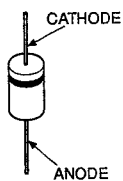
MA3J14700LSO



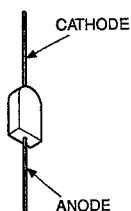
NSCW100



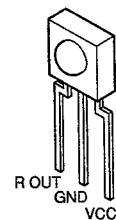
RD3.9SB  
RD3.9SB-T1  
UF4005PKG23



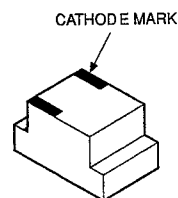
RM11A  
RM11C(RECTI)



RPM7140



SEC1801C  
SEC1901C  
SEC2422C



SF20L60U



## Section 4

### Spare Parts

#### 4-1. Notes on Repair Parts

##### 1. Safety Related Components Warning

###### **WARNING**

Components marked  $\Delta$  are critical to safe operation. Therefore, specified parts should be used in the case of replacement.

###### **WARNHINWEIS**

Les composants identifiés par la marque  $\Delta$  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

##### 2. Standardization of Parts

Some repair parts supplied by Sony differ from those used for the unit. These are because of parts commonality and improvement.

Parts List has the present standardized repair parts.

##### 3. Stock of Parts

Parts marked with "o" at SP (Supply Code) column of the Spare Parts list may not be stocked. Therefore, the delivery date will be delayed.

Items with no part number and no description are not stocked because they are seldom required for routine service.

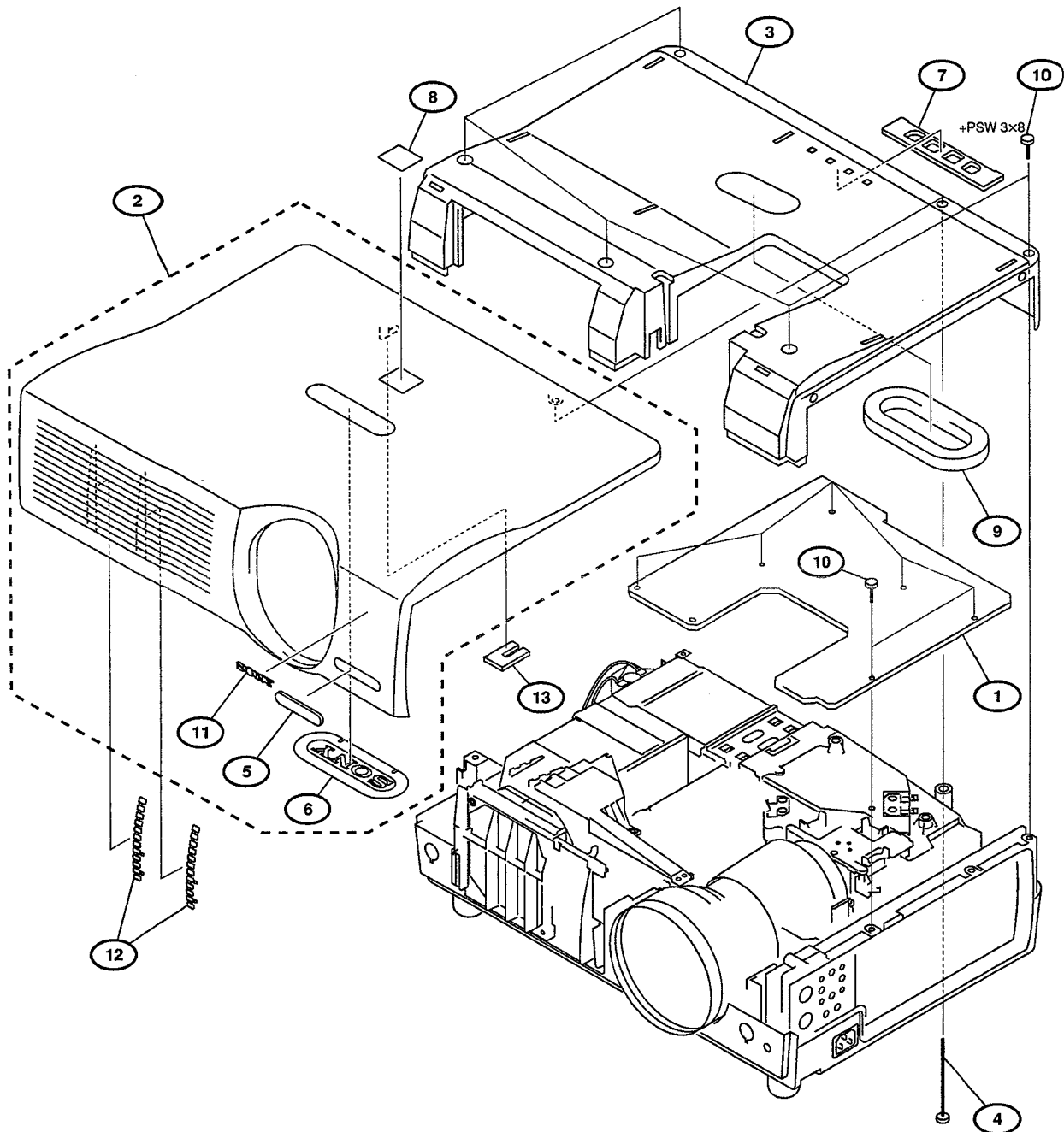
##### 4. Units for Capacitors, Inductors and Resistors

The following units are assumed in Schematic Diagrams, Electrical Parts List and Exploded Views unless otherwise specified.

Capacitors	: $\mu\text{F}$
Inductors	: $\mu\text{H}$
Resistors	: $\Omega$

## Top Cover

### 4-2. Exploded Views



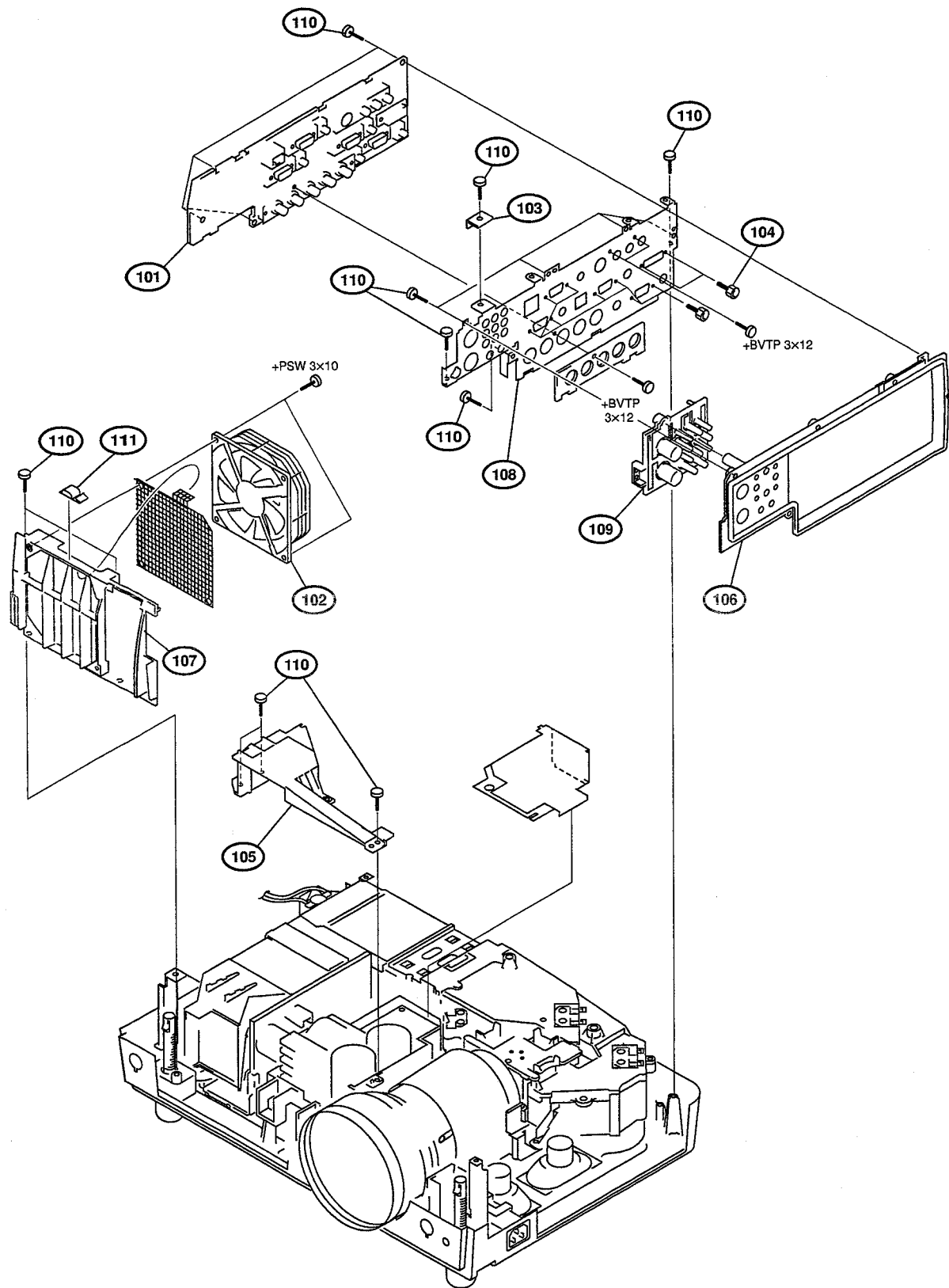
No.	Part No.	SP Description
1	A-1300-750-A	s MOUNTED CIRCUIT BOARD, C
2	X-4041-116-1	s COVER ASSY, TOP
3	X-4041-118-1	s HOOD ASSY
4	4-084-424-01	s SCREW (+PSW M 3X90), SPECIAL
5	4-092-285-01	o FILTER (FR)
6	4-092-325-01	s SHEET (SO)
7	4-092-326-01	o CUSHION (LED)
8	4-092-329-01	o EMBLEM (PX40)
9	4-092-331-01	o CUSHION (SO)
10	4-382-854-01	s SCREW +PSW M 3X8
11	4-942-568-71	s EMBLEM (NO.5), SONY
12	4-092-681-01	s GUIDE, RIB
13	4-092-980-01	o PLATE, SHADE (TOP)

## Screws/Washers

7-682-949-09 s SCREW +PSW 3X10



Side Panel



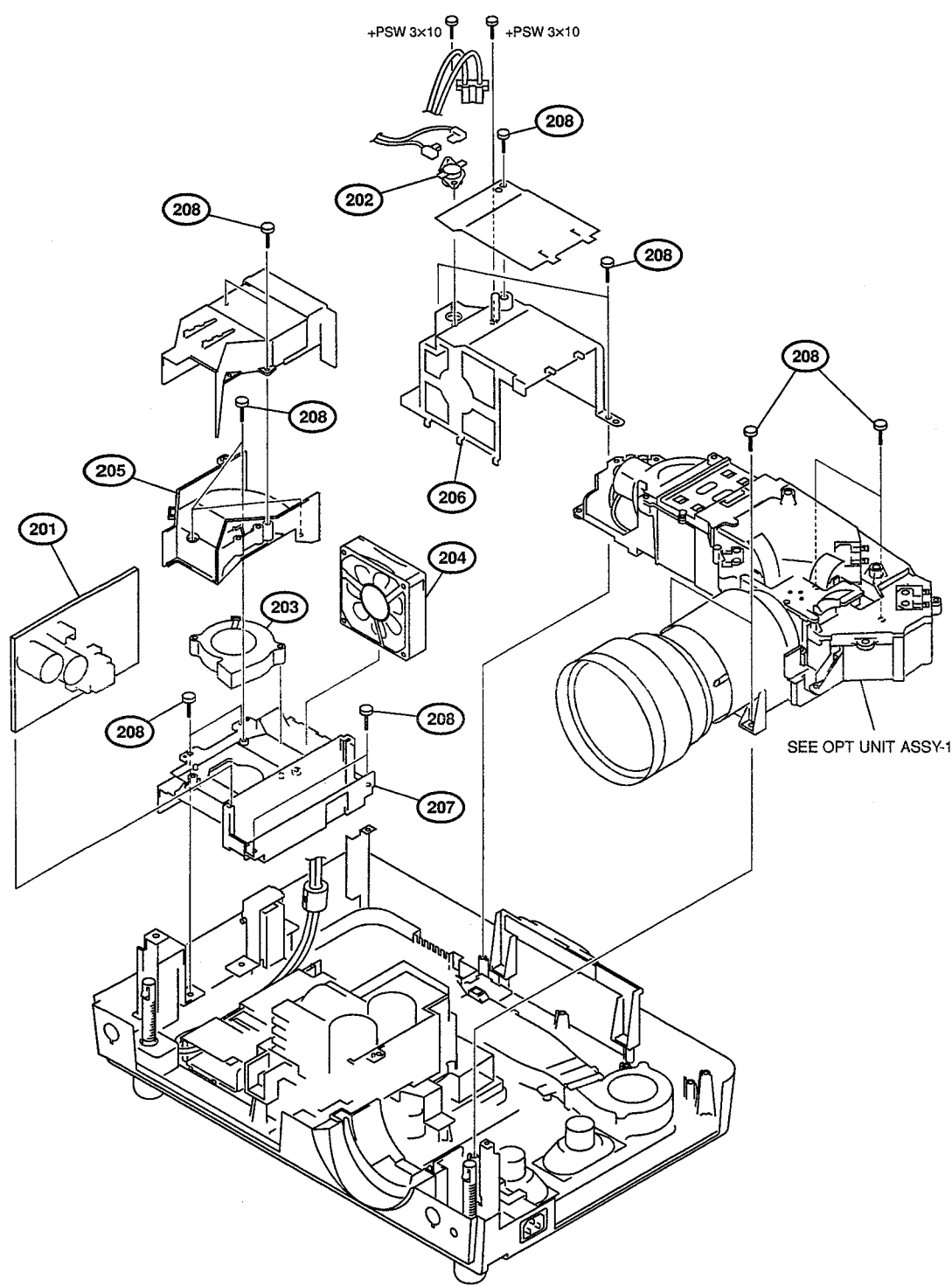
## Side Panel

No.	Part No.	SP Description
101	A-1300-753-A	s MOUNTED CIRCUIT BOARD, Q
102	1-763-422-11	s FAN, DC
103	4-092-288-01	o PLATE (Q)
104	4-092-317-01	s SCREW (DVI)
105	4-092-380-01	o BRACKET (GB)
106	4-092-396-01	s PANEL, SIDE
107	4-092-397-01	o BRACKET (92)
108	4-092-402-01	s PANEL, CONNECTOR
109	4-092-404-01	s BUTTON, KEY
110	4-382-854-01	s SCREW +PSW M 3X8
111	4-093-253-01	s SHIELD FINGER (92)

### Screws/Washers

7-682-949-09	s SCREW +PSW 3X10
7-685-548-19	s SCREW +BTB 3X12

Chassis-1



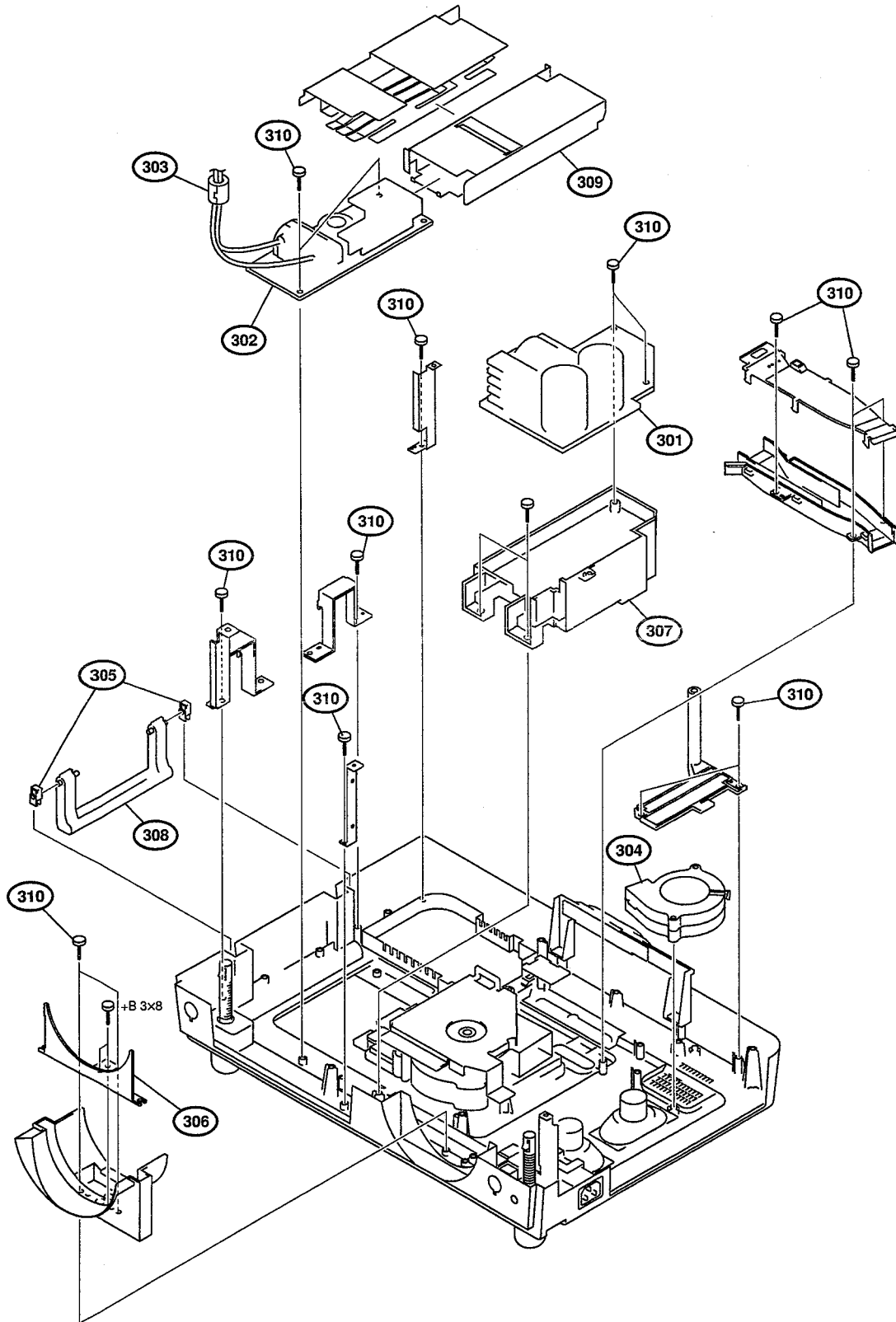
## Chassis-1

No.	Part No.	SP Description
201	A-1300-752-A	s MOUNTED CIRCUIT BOARD, GB
202	Δ 1-576-689-11	s THERMOSTAT
203	1-763-757-22	s FAN
204	1-763-951-11	s FAN, DC
205	4-092-378-01	o DUCT (BT)
206	4-092-406-01	o HOUSE, LAMP
207	4-092-408-01	o BRACKET (BS)
208	4-382-854-01	s SCREW +PSW M 3X8

### Screws/Washers

7-682-949-09 s SCREW +PSW 3X10

## Chassis-2

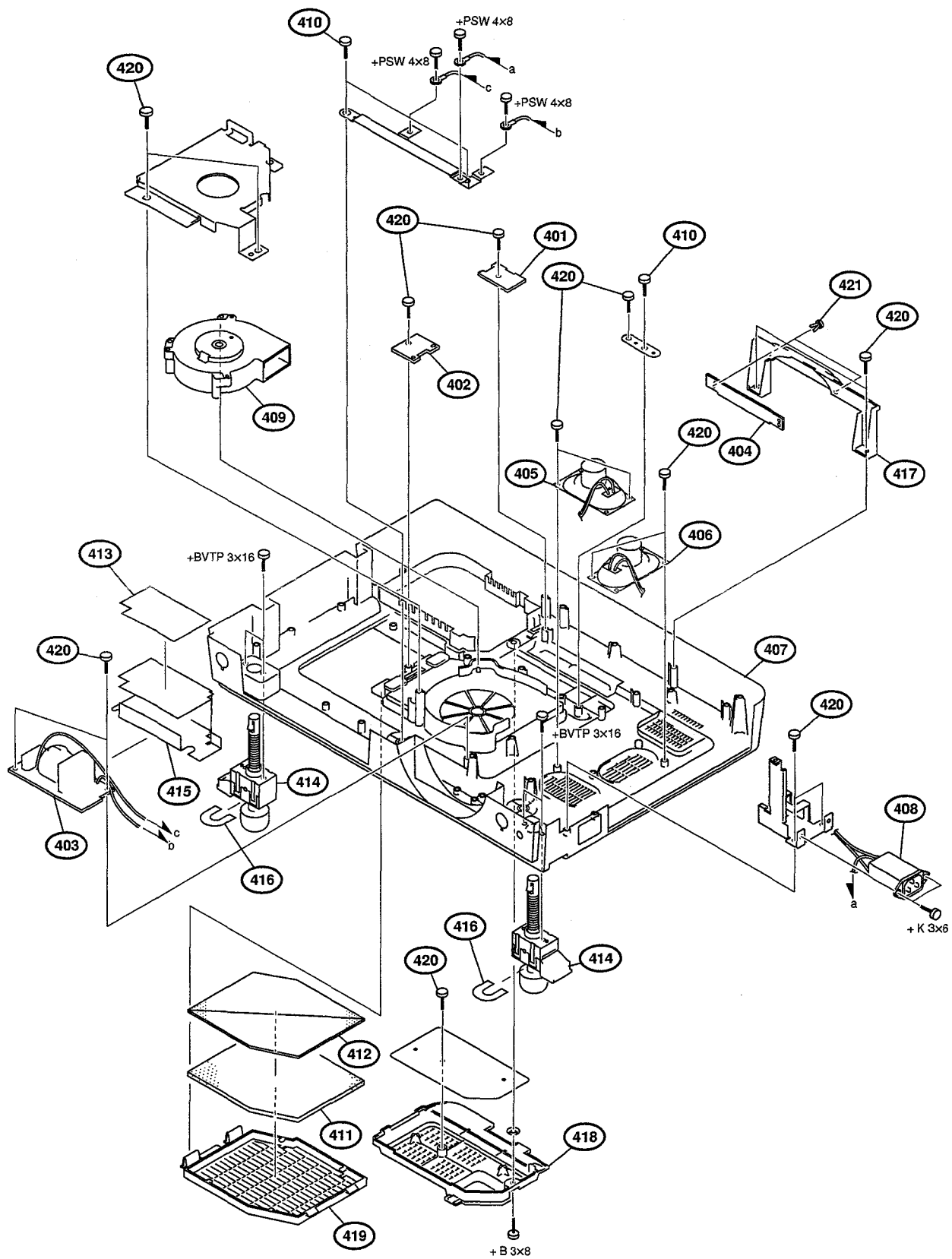


No.	Part No.	SP Description
301	A-1300-751-A	s MOUNTED CIRCUIT BOARD, GA
302	Δ 1-518-854-11	s POWER SUPPLY BLOCK 1738
303	1-543-830-11	o CLAMP, SLEEVE FERRITE
304	1-763-757-22	s FAN
305	4-092-289-01	o BUSHING, HANDLE
306	4-092-352-01	o GUIDE, RING
307	4-092-374-01	o BRACKET (G)
308	4-092-387-01	s HANDLE
309	4-092-405-01	o SHEET (BS)
310	4-382-854-01	s SCREW +PSW M 3X8

## Screws/Washers

7-682-548-04	s SCREW +B 3X8
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### Chassis-3



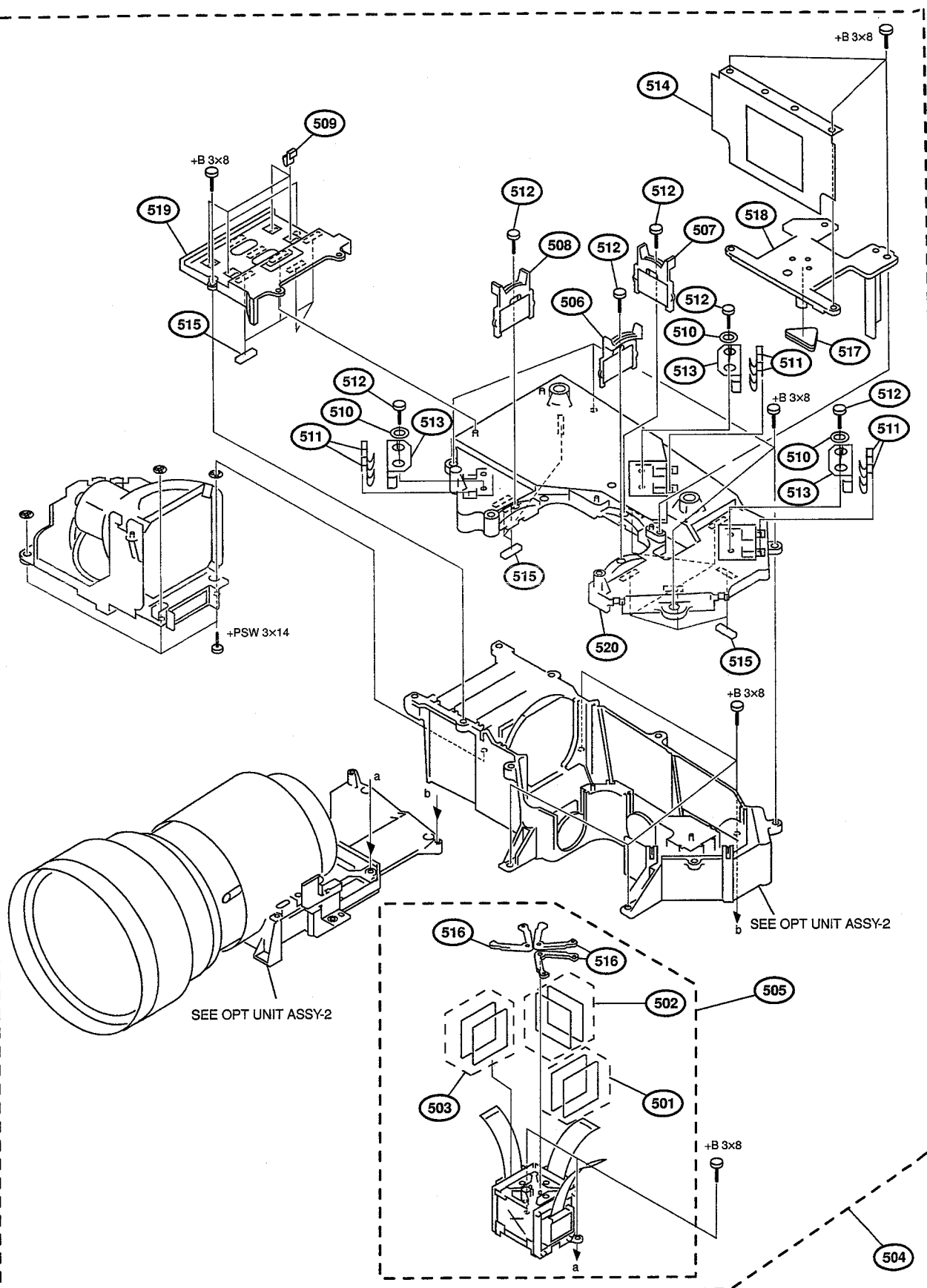
No.	Part No.	SP Description
401	A-1401-529-A	s MOUNTED CIRCUIT BOARD, U
402	A-1401-530-A	s MOUNTED CIRCUIT BOARD, V
403	A-1401-531-A	s MOUNTED CIRCUIT BOARD, F
404	A-1401-534-A	s MOUNTED CIRCUIT BOARD, NR
405	A-1603-717-A	s SPEAKER ASSY (L)
406	A-1603-908-A	s SPEAKER ASSY (R)
407	X-4041-117-1	s BASE ASSY
408	Δ 1-417-334-11	s INLET
409	1-763-952-11	s FAN, DC
410	3-359-058-01	s SCREW (+B 5X6)
411	4-092-322-01	s SPACER (F) (T5.0)
412	4-092-323-01	s FILTER (40) (T2.0)
413	4-092-333-01	o SHEET (GAF)
414	4-092-357-01	s ADJUSTOR (1738)
415	4-092-358-01	o SHEET (F)
416	4-092-363-01	s SPACER (A)
417	4-092-386-01	s FILTER (RE)
418	4-092-389-01	s DOOR, LAMP
419	4-092-401-01	s COVER, FILTER
420	4-382-854-01	s SCREW +PSW M 3X8
421	4-812-134-21	s RIVET, NYLON 3.5

## Screws/Washers

7-682-247-09	s SCREW +K 3X6
7-682-548-04	s SCREW +B 3X8
7-682-961-01	s SCREW +PSW 4X8
7-685-650-79	s SCREW +BVTP 3X16



## OPT UNIT Assy-1



## OPT UNIT Assy-1

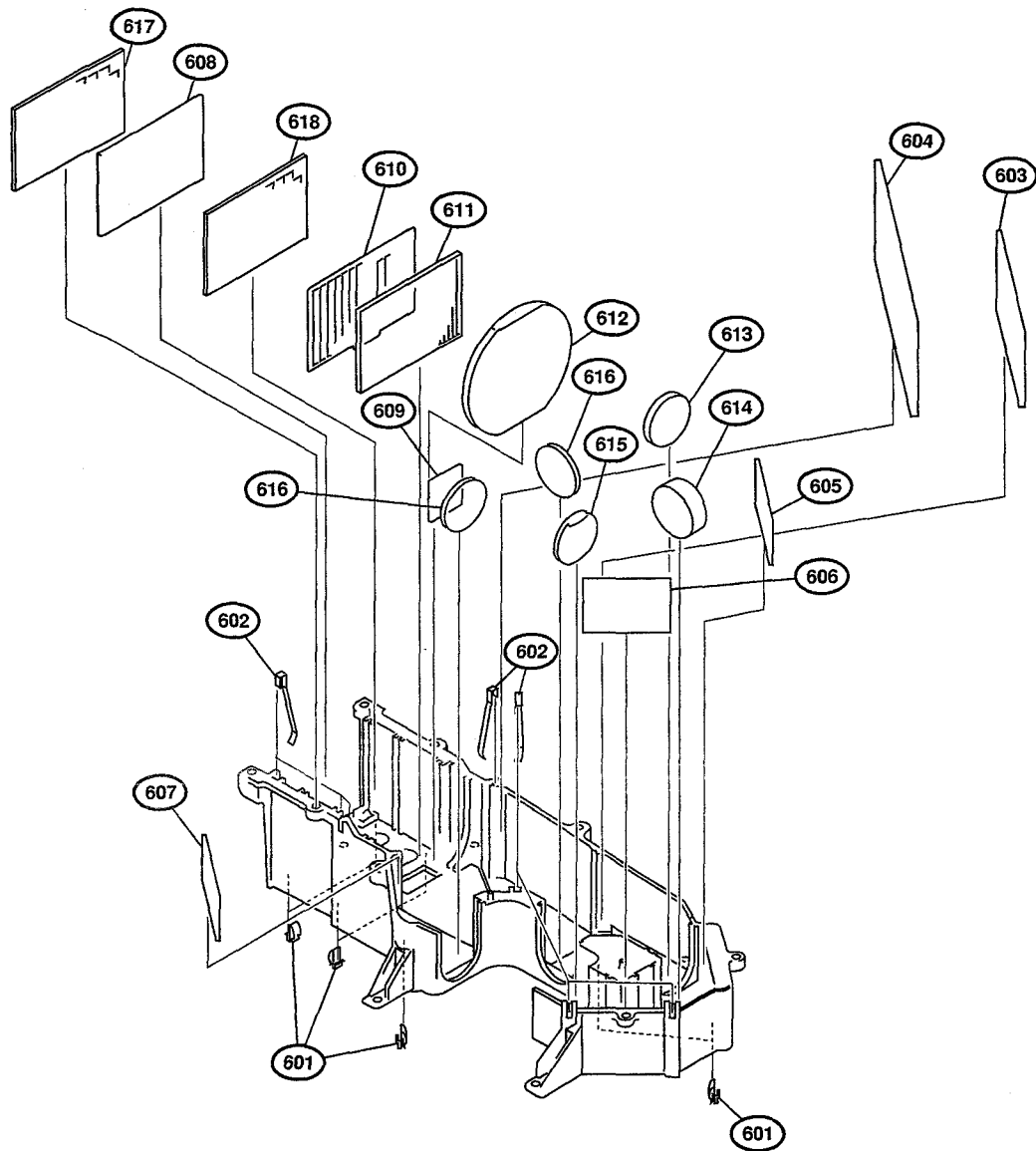
No.	Part No.	SP Description
501	A-1604-229-A	s OUT-POLARIZER (R) ARB ASSY (LCX046 ARB-2RR)
	A-1604-226-A	s OUT-POLARIZER (R) ASB ASSY (LCX046 ASB-2RS)
502	A-1604-230-A	s OUT-POLARIZER (G) ARB ASSY (LCX046 ARB-3GR)
	A-1604-227-A	s OUT-POLARIZER (G) ASB ASSY (LCX046 ASB-3GS)
503	A-1604-231-A	s OUT-POLARIZER (B) ARB ASSY (LCX046 ARB-1BR)
	A-1604-228-A	s OUT-POLARIZER (B) ASB ASSY (LCX046 ASB-1BS)
504	A-1604-219-A	s OPT UNIT ASSY
505	A-1604-220-A	s PRISM BLOCK ASSY
506	A-1604-223-A	s IN-POLARIZER (R) ASSY
507	A-1604-224-A	s IN-POLARIZER (G) ASSY
508	A-1604-225-A	s IN-POLARIZER (B) ASSY
509	4-066-172-01	o FASTENER (OPT), MIRROR
510	4-066-174-01	s STOPPER (OPT), ROTATION
511	4-074-405-01	o FASTENER (RB)
512	4-074-474-01	s +BSW M 3X8
513	4-082-749-01	o ADJUSTER, RB-MIRROR
514	4-092-306-01	o SHADE PLATE
515	4-092-307-01	o CUSHION
516	4-092-310-01	o RETAINER, POLAIZER
517	4-092-316-01	o SPACER
518	4-092-392-01	o RETAINER, PRISM
519	4-092-393-01	o COVER (B), UNIT
520	4-092-400-01	o COVER (F), UNIT

\* For the OUT POLARIZER of 501, 502 and 503, look up the printed mark on the flexible wired board of the panel, and prepare the OUT POLARIZER type that matches with each panel.

### Screws/Washers

7-682-548-04	s SCREW +B 3X8
7-682-951-01	s SCREW +PSW 3X14

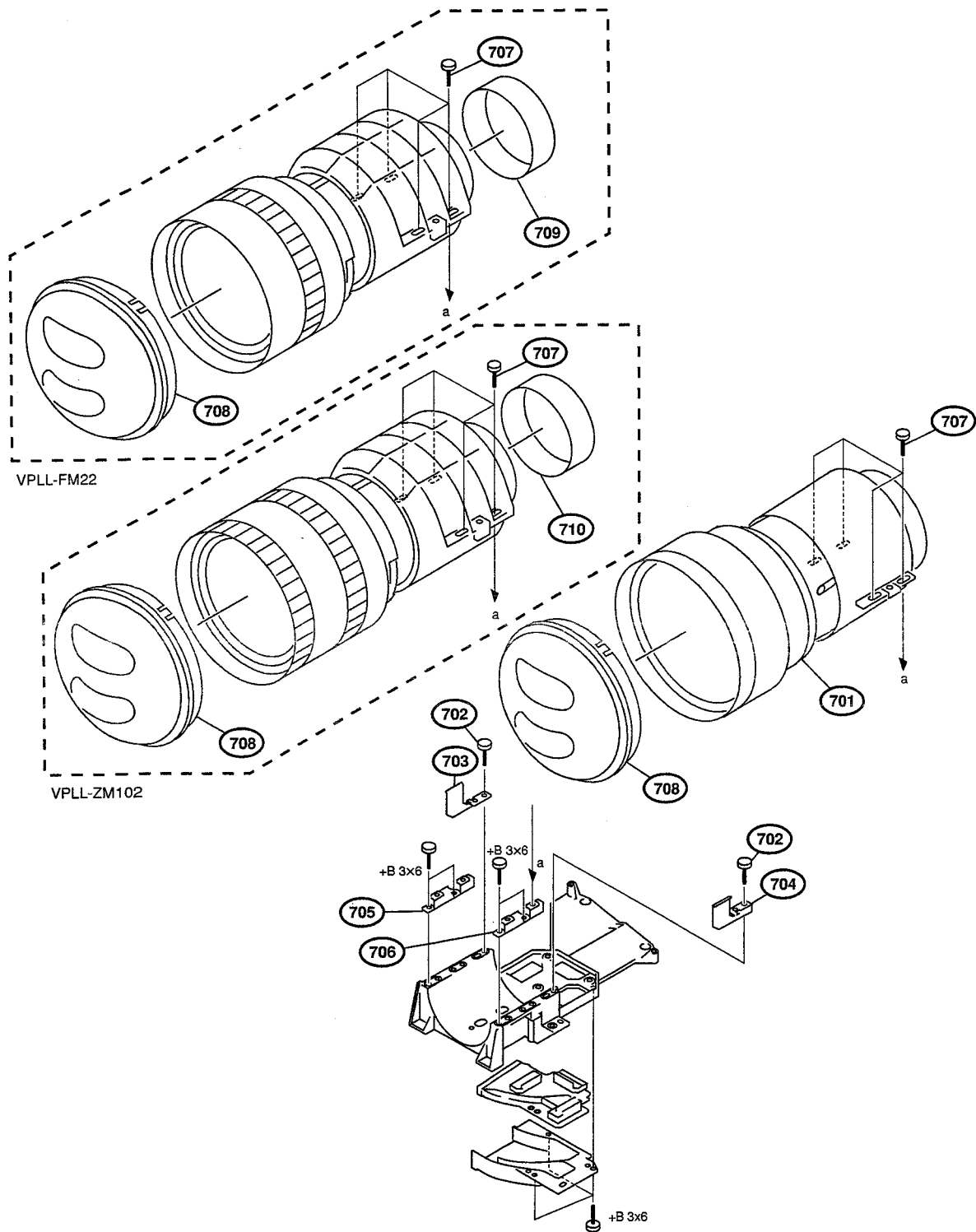
## OPT UNIT Assy-2



# OPT UNIT Assy-2

No.	Part No.	SP Description
601	4-066-172-01	o FASTENER (OPT), MIRROR
602	4-082-745-01	o SPRING (FY)
603	4-092-290-01	o DICHOIC MIRROR, G-REFLECT
604	4-092-291-01	o DICFROIC MIRROR, B-REFLECT
605	4-092-292-01	o MIRROR, R-CHANNEL-1
606	4-092-293-01	o MIRROR, R-CHANNEL-2
607	4-092-294-01	o MIRROR, B-CHANNEL
608	4-092-295-01	o PRE-FILTER, UV CUT
609	4-092-296-01	o FILTER, UV-CUT
610	4-092-312-01	o APERTURE, PS CON
611	A-1604-222-A	s PS ASSY
612	4-092-409-01	o LENS, MAIN CONDENSER
613	4-092-410-01	o LENS, RELAY-1
614	4-092-411-01	o LENS, RELAY-2
615	4-092-412-01	o LENS, R-CH CONDENSER
616	4-092-413-01	o LENS, GB-CH CONDENSER
617	4-092-414-01	o FLY EYE, LENS-1
618	4-092-415-01	o FLY EYE, LENS-2

OPT UNIT Assy-3



## OPT UNIT Assy-3

No.	Part No.	SP Description
701	A-1604-221-A	s PROJECTION LENS
702	4-074-474-01	s +BSW M 3X8
703	4-092-308-01	o PLATE (L), LENS
704	4-092-315-01	o PLATE (R), LENS
705	4-092-354-01	o OFFSET PLATE (L), LENS
706	4-092-355-01	o OFFSET PLATE (R), LENS
707	4-382-854-11	s SCREW, +PSW M 3X10
708	9-885-029-37	s FRONT LENS CAP (PX40)
709	9-885-029-38	s REAR LENS CAP (VPLL-FM22)
710	9-885-029-39	s REAR LENS CAP (VPLL-ZM102)

### Screws/Washers

7-682-547-09 s SCREW +B 3X6

### 4-3. Electrical Parts List

-----  
C BOARD  
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note

\*1: If IC352, IC550, IC601, IC651 and IC702 becomes defective, replace the entire C board.

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1300-750-A	s MOUNTED CIRCUIT BOARD, C
C51	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C53	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C54	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C55	1-125-777-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C102	1-164-943-11	s CAPACITOR, CHIP CERAMIC 0.01MF
C103	1-107-820-11	s CAPACITOR, CHIP CERAMIC 0.1MF F
C105	1-107-820-11	s CAPACITOR, CHIP CERAMIC 0.1MF F
C106	1-164-937-11	s CAPACITOR, CHIP CERAMIC 1000PF
C107	1-164-937-11	s CAPACITOR, CHIP CERAMIC 1000PF
C108	1-164-937-11	s CAPACITOR, CHIP CERAMIC 1000PF
C109	1-164-937-11	s CAPACITOR, CHIP CERAMIC 1000PF
C110	1-115-566-11	s CAPACITOR, CERAMIC 4.7MF B/6.3V
C111	1-107-820-11	s CAPACITOR, CHIP CERAMIC 0.1MF F
C112	1-164-943-11	s CAPACITOR, CHIP CERAMIC 0.01MF
C113	1-107-820-11	s CAPACITOR, CHIP CERAMIC 0.1MF F
C114	1-107-820-11	s CAPACITOR, CHIP CERAMIC 0.1MF F
C115	1-164-852-11	s CAPACITOR, CHIP CERAMIC 12PF/16
C116	1-164-852-11	s CAPACITOR, CHIP CERAMIC 12PF/16
C117	1-164-943-11	s CAPACITOR, CHIP CERAMIC 0.01MF
C118	1-107-820-11	s CAPACITOR, CHIP CERAMIC 0.1MF F
C119	1-107-820-11	s CAPACITOR, CHIP CERAMIC 0.1MF F
C120	1-107-820-11	s CAPACITOR, CHIP CERAMIC 0.1MF F
C121	1-115-156-11	s CAPACITOR, CERAMIC 1MF/10V(1608)
C122	1-107-820-11	s CAPACITOR, CHIP CERAMIC 0.1MF F
C124	1-107-820-11	s CAPACITOR, CHIP CERAMIC 0.1MF F
C125	1-164-935-11	s CAPACITOR, CHIP CERAMIC 470PF
C126	1-164-935-11	s CAPACITOR, CHIP CERAMIC 470PF
C127	1-107-820-11	s CAPACITOR, CHIP CERAMIC 0.1MF F
C129	1-107-820-11	s CAPACITOR, CHIP CERAMIC 0.1MF F
C156	1-164-874-11	s CAPACITOR, CHIP CERAMIC 100PF
C157	1-164-874-11	s CAPACITOR, CHIP CERAMIC 100PF
C158	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C159	1-115-156-11	s CAPACITOR, CERAMIC 1MF/10V(1608)
C160	1-164-943-11	s CAPACITOR, CHIP CERAMIC 0.01MF
C165	1-115-339-11	s CAPACITOR, CERAMIC 0.1MF/50V
C201	1-107-820-11	s CAPACITOR, CHIP CERAMIC 0.1MF F
C202	1-126-395-11	s CAPACITOR, ELECT 22MF/16V(CHIP)
C203	1-107-820-11	s CAPACITOR, CHIP CERAMIC 0.1MF F
C204	1-107-820-11	s CAPACITOR, CHIP CERAMIC 0.1MF F
C205	1-117-681-11	s CAPACITOR, ELECT 100MF/16V
C206	1-117-681-11	s CAPACITOR, ELECT 100MF/16V
C207	1-128-992-11	s CAPACITOR ELECT 47MF 25V
C208	1-126-205-11	s CAPACITOR, ELECT 47M/6.3
C209	1-135-347-11	s CAP, SOLID ELECT 82MF
C210	1-115-339-11	s CAPACITOR, CERAMIC 0.1MF/50V
C211	1-117-681-11	s CAPACITOR, ELECT 100MF/16V
C212	1-135-347-11	s CAP, SOLID ELECT 82MF
C213	1-107-820-11	s CAPACITOR, CHIP CERAMIC 0.1MF F
C214	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C215	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C216	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C217	1-126-395-11	s CAPACITOR, ELECT 22MF/16V(CHIP)
C218	1-125-837-11	s CAPACITOR, CHIP CERAMIC 1MF/6.3V
C219	1-107-820-11	s CAPACITOR, CHIP CERAMIC 0.1MF F

(C BOARD)

Ref. No. or Q'ty	Part No.	SP Description
C220	1-117-681-11	s CAPACITOR, ELECT 100MF/16V
C221	1-128-394-11	s CAPACITOR, ELECT 220MF/10V
C222	1-128-992-11	s CAPACITOR ELECT 47MF 25V
C223	1-107-820-11	s CAPACITOR, CHIP CERAMIC 0.1MF F
C224	1-128-992-11	s CAPACITOR ELECT 47MF 25V
C225	1-164-943-11	s CAPACITOR, CHIP CERAMIC 0.01MF
C226	1-117-681-11	s CAPACITOR, ELECT 100MF/16V
C227	1-117-681-11	s CAPACITOR, ELECT 100MF/16V
C228	1-126-395-11	s CAPACITOR, ELECT 22MF/16V(CHIP)
C229	1-107-820-11	s CAPACITOR, CHIP CERAMIC 0.1MF F
C230	1-117-681-11	s CAPACITOR, ELECT 100MF/16V
C231	1-117-681-11	s CAPACITOR, ELECT 100MF/16V
C232	1-107-820-11	s CAPACITOR, CHIP CERAMIC 0.1MF F
C233	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C234	1-117-681-11	s CAPACITOR, ELECT 100MF/16V
C235	1-128-394-11	s CAPACITOR, ELECT 220MF/10V
C236	1-117-681-11	s CAPACITOR, ELECT 100MF/16V
C237	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C238	1-126-205-11	s CAPACITOR, ELECT 47M/6.3
C239	1-107-820-11	s CAPACITOR, CHIP CERAMIC 0.1MF F
C240	1-126-395-11	s CAPACITOR, ELECT 22MF/16V(CHIP)
C241	1-117-681-11	s CAPACITOR, ELECT 100MF/16V
C242	1-117-681-11	s CAPACITOR, ELECT 100MF/16V
C243	1-107-820-11	s CAPACITOR, CHIP CERAMIC 0.1MF F
C244	1-164-943-11	s CAPACITOR, CHIP CERAMIC 0.01MF
C245	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C246	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C247	1-126-205-11	s CAPACITOR, ELECT 47M/6.3
C248	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C252	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C253	1-115-339-11	s CAPACITOR, CERAMIC 0.1MF/50V
C254	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C255	1-126-205-11	s CAPACITOR, ELECT 47M/6.3
C301	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C302	1-164-392-11	s CAPACITOR CERAMIC 390PF/50V CH
C303	1-164-852-11	s CAPACITOR, CHIP CERAMIC 12PF/16
C304	1-164-852-11	s CAPACITOR, CHIP CERAMIC 12PF/16
C305	1-164-852-11	s CAPACITOR, CHIP CERAMIC 12PF/16
C306	1-164-852-11	s CAPACITOR, CHIP CERAMIC 12PF/16
C307	1-164-939-11	s CAPACITOR, CHIP CERAMIC 2200PF
C308	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C309	1-107-820-11	s CAPACITOR, CHIP CERAMIC 0.1MF F
C310	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C311	1-107-820-11	s CAPACITOR, CHIP CERAMIC 0.1MF F
C312	1-107-820-11	s CAPACITOR, CHIP CERAMIC 0.1MF F
C313	1-125-837-11	s CAPACITOR, CHIP CERAMIC 1MF/6.3V
C314	1-107-820-11	s CAPACITOR, CHIP CERAMIC 0.1MF F
C315	1-107-820-11	s CAPACITOR, CHIP CERAMIC 0.1MF F
C316	1-107-820-11	s CAPACITOR, CHIP CERAMIC 0.1MF F
C317	1-107-820-11	s CAPACITOR, CHIP CERAMIC 0.1MF F
C318	1-164-939-11	s CAPACITOR, CHIP CERAMIC 2200PF
C319	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C320	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C321	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C322	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C323	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C324	1-126-205-11	s CAPACITOR, ELECT 47M/6.3
C325	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C326	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V

## (C BOARD)

Ref. No. or Q'ty	Part No.	SP Description
C327	1-128-391-11	s CAPACITOR, ELECT 330MF/6.3V
C328	1-107-820-11	s CAPACITOR, CHIP CERAMIC 0.1MF F
C329	1-117-681-11	s CAPACITOR, ELECT 100MF/16V
C331	1-164-860-11	s CAPACITOR, CHIP CERAMIC 27PF/16
C332	1-164-854-11	s CAPACITOR CERAMIC 15PF/16V CH
C333	1-164-854-11	s CAPACITOR CERAMIC 15PF/16V CH
C334	1-128-004-11	s CAPACITOR ELECT 10MF/16V(CHIP)
C335	1-164-315-11	s CAPACITOR, CERAMIC 470PF/50V CH
C337	1-107-820-11	s CAPACITOR, CHIP CERAMIC 0.1MF F
C338	1-117-681-11	s CAPACITOR, ELECT 100MF/16V
C339	1-164-156-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C340	1-124-261-00	s CAPACITOR, ELECT 10MF 50V
C342	1-164-854-11	s CAPACITOR CERAMIC 15PF/16V CH
C343	1-128-004-11	s CAPACITOR ELECT 10MF/16V(CHIP)
C344	1-125-837-11	s CAPACITOR, CHIP CERAMIC 1MF/6.3V
C345	1-164-854-11	s CAPACITOR CERAMIC 15PF/16V CH
C346	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C347	1-128-394-11	s CAPACITOR, ELECT 220MF/10V
C348	1-128-004-11	s CAPACITOR ELECT 10MF/16V(CHIP)
C349	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C350	1-117-681-11	s CAPACITOR, ELECT 100MF/16V
C351	1-164-854-11	s CAPACITOR CERAMIC 15PF/16V CH
C352	1-164-854-11	s CAPACITOR CERAMIC 15PF/16V CH
C355	1-127-772-11	s CAPACITOR C, CERAMIC 33000PF B
C356	1-164-939-11	s CAPACITOR, CHIP CERAMIC 2200PF
C357	1-127-772-11	s CAPACITOR C, CERAMIC 33000PF B
C358	1-127-772-11	s CAPACITOR C, CERAMIC 33000PF B
C359	1-119-923-11	s CAPACITOR, CHIP CERAMIC 0.047MF
C360	1-119-923-11	s CAPACITOR, CHIP CERAMIC 0.047MF
C361	1-127-772-11	s CAPACITOR C, CERAMIC 33000PF B
C362	1-119-923-11	s CAPACITOR, CHIP CERAMIC 0.047MF
C364	1-127-772-11	s CAPACITOR C, CERAMIC 33000PF B
C365	1-127-772-11	s CAPACITOR C, CERAMIC 33000PF B
C366	1-127-772-11	s CAPACITOR C, CERAMIC 33000PF B
C367	1-127-772-11	s CAPACITOR C, CERAMIC 33000PF B
C368	1-127-772-11	s CAPACITOR C, CERAMIC 33000PF B
C369	1-119-923-11	s CAPACITOR, CHIP CERAMIC 0.047MF
C370	1-128-391-11	s CAPACITOR, ELECT 330MF/6.3V
C371	1-128-391-11	s CAPACITOR, ELECT 330MF/6.3V
C372	1-107-820-11	s CAPACITOR, CHIP CERAMIC 0.1MF F
C373	1-107-820-11	s CAPACITOR, CHIP CERAMIC 0.1MF F
C374	1-107-820-11	s CAPACITOR, CHIP CERAMIC 0.1MF F
C375	1-107-820-11	s CAPACITOR, CHIP CERAMIC 0.1MF F
C376	1-164-943-11	s CAPACITOR, CHIP CERAMIC 0.01MF
C377	1-164-943-11	s CAPACITOR, CHIP CERAMIC 0.01MF
C378	1-164-943-11	s CAPACITOR, CHIP CERAMIC 0.01MF
C379	1-164-943-11	s CAPACITOR, CHIP CERAMIC 0.01MF
C380	1-126-205-11	s CAPACITOR, ELECT 47M/6.3
C381	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C382	1-124-778-00	s CAPACITOR, ELECT 22MF/6.3V
C383	1-107-820-11	s CAPACITOR, CHIP CERAMIC 0.1MF F
C384	1-124-778-00	s CAPACITOR, ELECT 22MF/6.3V
C385	1-124-778-00	s CAPACITOR, ELECT 22MF/6.3V
C386	1-164-943-11	s CAPACITOR, CHIP CERAMIC 0.01MF
C387	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C388	1-125-837-11	s CAPACITOR, CHIP CERAMIC 1MF/6.3V
C389	1-125-837-11	s CAPACITOR, CHIP CERAMIC 1MF/6.3V
C390	1-117-681-11	s CAPACITOR, ELECT 100MF/16V
C391	1-117-681-11	s CAPACITOR, ELECT 100MF/16V

## (C BOARD)

Ref. No. or Q'ty	Part No.	SP Description
C392	1-128-391-11	s CAPACITOR, ELECT 330MF/6.3V
C393	1-128-391-11	s CAPACITOR, ELECT 330MF/6.3V
C394	1-126-205-11	s CAPACITOR, ELECT 47MF/6.3V
C395	1-107-820-11	s CAPACITOR, CHIP CERAMIC 0.1MF F
C400	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C401	1-164-868-11	s CAPACITOR, CHIP CERAMIC 56PF
C402	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C403	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C404	1-126-395-11	s CAPACITOR, ELECT 22MF/16V(CHIP)
C405	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C406	1-128-004-11	s CAPACITOR ELECT 10MF/16V(CHIP)
C407	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C408	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C409	1-126-395-11	s CAPACITOR, ELECT 22MF/16V(CHIP)
C410	1-128-004-11	s CAPACITOR ELECT 10MF/16V(CHIP)
C411	1-126-395-11	s CAPACITOR, ELECT 22MF/16V(CHIP)
C413	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C414	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C416	1-128-004-11	s CAPACITOR ELECT 10MF/16V(CHIP)
C417	1-128-004-11	s CAPACITOR ELECT 10MF/16V(CHIP)
C418	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C419	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C420	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C421	1-128-004-11	s CAPACITOR ELECT 10MF/16V(CHIP)
C422	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C423	1-125-837-11	s CAPACITOR, CHIP CERAMIC 1MF/6.3V
C424	1-164-937-11	s CAPACITOR, CHIP CERAMIC 1000PF
C425	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C426	1-137-987-81	s CAPACITOR, C, CERAMIC 0.068MF
C427	1-115-566-11	s CAPACITOR, CERAMIC 4.7MF B/6.3V
C428	1-115-566-11	s CAPACITOR, CERAMIC 4.7MF B/6.3V
C429	1-165-875-11	s CAPACITOR, CHIP CERAMIC 10MF B
C430	1-164-874-11	s CAPACITOR, CHIP CERAMIC 100PF
C431	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C432	1-165-875-11	s CAPACITOR, CHIP CERAMIC 10MF B
C433	1-164-943-11	s CAPACITOR, CHIP CERAMIC 0.01MF
C434	1-164-882-11	s CAPACITOR, CERAMIC 220PF/16V CH
C435	1-125-837-11	s CAPACITOR, CHIP CERAMIC 1MF/6.3V
C436	1-164-874-11	s CAPACITOR, CHIP CERAMIC 100PF
C437	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C438	1-125-889-11	s CAPACITOR, CHIP CERAMIC 2.2MF/10V
C439	1-164-874-11	s CAPACITOR, CHIP CERAMIC 100PF
C440	1-164-866-11	s CAPACITOR, CHIP CERAMIC 47PF/16
C452	1-164-937-11	s CAPACITOR, CHIP CERAMIC 1000PF
C453	1-119-923-11	s CAPACITOR, CHIP CERAMIC 0.047MF
C454	1-119-923-11	s CAPACITOR, CHIP CERAMIC 0.047MF
C456	1-119-923-11	s CAPACITOR, CHIP CERAMIC 0.047MF
C459	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C460	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C461	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C462	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C463	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C464	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C465	1-124-778-00	s CAPACITOR, ELECT 22MF/6.3V
C466	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C467	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C468	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C469	1-135-995-91	s CAP, CHIP CERAMIC 39000PF B 1608
C470	1-117-446-11	s CAPACITOR CERAMIC 3900PF 16V





## (C BOARD)

Ref. No. or Q'ty	Part No.	SP Description
C705	1-107-820-11	s CAPACITOR,CHIP CERAMIC 0.1MF F
C706	1-107-820-11	s CAPACITOR,CHIP CERAMIC 0.1MF F
C707	1-107-820-11	s CAPACITOR,CHIP CERAMIC 0.1MF F
C708	1-107-820-11	s CAPACITOR,CHIP CERAMIC 0.1MF F
C709	1-107-820-11	s CAPACITOR,CHIP CERAMIC 0.1MF F
C710	1-107-820-11	s CAPACITOR,CHIP CERAMIC 0.1MF F
C711	1-107-820-11	s CAPACITOR,CHIP CERAMIC 0.1MF F
C712	1-126-205-11	s CAPACITOR,ELECT 47M/6.3
C713	1-107-820-11	s CAPACITOR,CHIP CERAMIC 0.1MF F
C715	1-107-820-11	s CAPACITOR,CHIP CERAMIC 0.1MF F
C716	1-164-943-11	s CAPACITOR,CHIP CERAMIC 0.01MF
C717	1-107-820-11	s CAPACITOR,CHIP CERAMIC 0.1MF F
C718	1-126-205-11	s CAPACITOR,ELECT 47M/6.3
C719	1-107-820-11	s CAPACITOR,CHIP CERAMIC 0.1MF F
C724	1-164-935-11	s CAPACITOR,CHIP CERAMIC 470PF
C725	1-164-935-11	s CAPACITOR,CHIP CERAMIC 470PF
C726	1-107-820-11	s CAPACITOR,CHIP CERAMIC 0.1MF F
C727	1-107-820-11	s CAPACITOR,CHIP CERAMIC 0.1MF F
C728	1-107-820-11	s CAPACITOR,CHIP CERAMIC 0.1MF F
C729	1-107-820-11	s CAPACITOR,CHIP CERAMIC 0.1MF F
C730	1-107-820-11	s CAPACITOR,CHIP CERAMIC 0.1MF F
C731	1-107-820-11	s CAPACITOR,CHIP CERAMIC 0.1MF F
C751	1-115-339-11	s CAPACITOR,CERAMIC 0.1MF/50V
C752	1-127-715-11	s CAPACITOR,CERAMIC 0.22MF B1608
C753	1-127-715-11	s CAPACITOR,CERAMIC 0.22MF B1608
C754	1-164-943-11	s CAPACITOR,CHIP CERAMIC 0.01MF
C756	1-115-339-11	s CAPACITOR,CERAMIC 0.1MF/50V
C757	1-115-339-11	s CAPACITOR,CERAMIC 0.1MF/50V
C759	1-107-820-11	s CAPACITOR,CHIP CERAMIC 0.1MF F
C760	1-127-715-11	s CAPACITOR,CERAMIC 0.22MF B1608
C761	1-107-820-11	s CAPACITOR,CHIP CERAMIC 0.1MF F
C762	1-117-681-11	s CAPACITOR, ELECT 100MF/16V
C763	1-127-715-11	s CAPACITOR,CERAMIC 0.22MF B1608
C764	1-127-715-11	s CAPACITOR,CERAMIC 0.22MF B1608
C765	1-127-715-11	s CAPACITOR,CERAMIC 0.22MF B1608
C766	1-127-715-11	s CAPACITOR,CERAMIC 0.22MF B1608
C767	1-127-715-11	s CAPACITOR,CERAMIC 0.22MF B1608
C768	1-115-339-11	s CAPACITOR,CERAMIC 0.1MF/50V
C769	1-128-992-11	s CAPACITOR ELECT 47MF 25V
C770	1-128-992-11	s CAPACITOR ELECT 47MF 25V
C771	1-115-339-11	s CAPACITOR,CERAMIC 0.1MF/50V
C772	1-115-339-11	s CAPACITOR,CERAMIC 0.1MF/50V
C773	1-115-339-11	s CAPACITOR,CERAMIC 0.1MF/50V
C774	1-115-339-11	s CAPACITOR,CERAMIC 0.1MF/50V
C775	1-117-681-11	s CAPACITOR, ELECT 100MF/16V
C776	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C777	1-128-992-11	s CAPACITOR ELECT 47MF 25V
C801	1-115-339-11	s CAPACITOR,CERAMIC 0.1MF/50V
C802	1-127-715-11	s CAPACITOR,CERAMIC 0.22MF B1608
C803	1-127-715-11	s CAPACITOR,CERAMIC 0.22MF B1608
C809	1-107-820-11	s CAPACITOR,CHIP CERAMIC 0.1MF F
C810	1-127-715-11	s CAPACITOR,CERAMIC 0.22MF B1608
C811	1-107-820-11	s CAPACITOR,CHIP CERAMIC 0.1MF F
C812	1-117-681-11	s CAPACITOR, ELECT 100MF/16V
C813	1-127-715-11	s CAPACITOR,CERAMIC 0.22MF B1608
C814	1-127-715-11	s CAPACITOR,CERAMIC 0.22MF B1608
C815	1-127-715-11	s CAPACITOR,CERAMIC 0.22MF B1608
C816	1-127-715-11	s CAPACITOR,CERAMIC 0.22MF B1608
C817	1-127-715-11	s CAPACITOR,CERAMIC 0.22MF B1608

## (C BOARD)

Ref. No. or Q'ty	Part No.	SP Description
C818	1-115-339-11	s CAPACITOR,CERAMIC 0.1MF/50V
C819	1-128-992-11	s CAPACITOR ELECT 47MF 25V
C820	1-128-992-11	s CAPACITOR ELECT 47MF 25V
C821	1-115-339-11	s CAPACITOR,CERAMIC 0.1MF/50V
C822	1-115-339-11	s CAPACITOR,CERAMIC 0.1MF/50V
C823	1-115-339-11	s CAPACITOR,CERAMIC 0.1MF/50V
C824	1-115-339-11	s CAPACITOR,CERAMIC 0.1MF/50V
C825	1-117-681-11	s CAPACITOR, ELECT 100MF/16V
C826	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C851	1-115-339-11	s CAPACITOR,CERAMIC 0.1MF/50V
C852	1-127-715-11	s CAPACITOR,CERAMIC 0.22MF B1608
C853	1-127-715-11	s CAPACITOR,CERAMIC 0.22MF B1608
C859	1-107-820-11	s CAPACITOR,CHIP CERAMIC 0.1MF F
C860	1-127-715-11	s CAPACITOR,CERAMIC 0.22MF B1608
C861	1-107-820-11	s CAPACITOR,CHIP CERAMIC 0.1MF F
C862	1-117-681-11	s CAPACITOR, ELECT 100MF/16V
C863	1-127-715-11	s CAPACITOR,CERAMIC 0.22MF B1608
C864	1-127-715-11	s CAPACITOR,CERAMIC 0.22MF B1608
C865	1-127-715-11	s CAPACITOR,CERAMIC 0.22MF B1608
C866	1-127-715-11	s CAPACITOR,CERAMIC 0.22MF B1608
C867	1-127-715-11	s CAPACITOR,CERAMIC 0.22MF B1608
C868	1-115-339-11	s CAPACITOR,CERAMIC 0.1MF/50V
C869	1-128-992-11	s CAPACITOR ELECT 47MF 25V
C870	1-128-992-11	s CAPACITOR ELECT 47MF 25V
C871	1-115-339-11	s CAPACITOR,CERAMIC 0.1MF/50V
C872	1-115-339-11	s CAPACITOR,CERAMIC 0.1MF/50V
C873	1-115-339-11	s CAPACITOR,CERAMIC 0.1MF/50V
C874	1-115-339-11	s CAPACITOR,CERAMIC 0.1MF/50V
C875	1-117-681-11	s CAPACITOR, ELECT 100MF/16V
C876	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C901	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C902	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C903	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C904	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C905	1-127-715-11	s CAPACITOR,CERAMIC 0.22MF B1608
C906	1-164-882-11	s CAPACITOR,CERAMIC 220PF/16V CH
C907	1-127-715-11	s CAPACITOR,CERAMIC 0.22MF B1608
C908	1-115-566-11	s CAPACITOR,CERAMIC 4.7MF B/6.3V
C909	1-107-820-11	s CAPACITOR,CHIP CERAMIC 0.1MF F
C910	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C911	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C912	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C913	1-164-939-11	s CAPACITOR,CHIP CERAMIC 2200PF
C914	1-164-939-11	s CAPACITOR,CHIP CERAMIC 2200PF
C915	1-164-939-11	s CAPACITOR,CHIP CERAMIC 2200PF
C916	1-164-939-11	s CAPACITOR,CHIP CERAMIC 2200PF
C917	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C918	1-125-837-11	s CAPACITOR,CHIP CERAMIC 1MF/6.3V
C941	1-164-862-11	s CAPACITOR,CHIP CERAMIC 33PF/16
C942	1-164-862-11	s CAPACITOR,CHIP CERAMIC 33PF/16
C943	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C944	1-164-874-11	s CAPACITOR,CHIP CERAMIC 100PF
C945	1-164-874-11	s CAPACITOR,CHIP CERAMIC 100PF
C946	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C947	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C948	1-117-681-11	s CAPACITOR, ELECT 100MF/16V
C949	1-115-156-11	s CAPACITOR,CERAMIC 1MF/10V(1608
C981	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C983	1-115-156-11	s CAPACITOR,CERAMIC 1MF/10V(1608

## (C BOARD)

Ref. No. or Q'ty	Part No.	SP Description
C984	1-115-156-11	s CAPACITOR, CERAMIC 1MF/10V(1608
C985	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C986	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C987	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C988	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C989	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
C991	1-125-777-11	s CAPACITOR CERAMIC 0.1MF/10V
CN102	1-778-965-21	s PIN, CONNECTOR (PC BOARD) 12P
CN103	1-785-900-21	s CONNECTOR 5P
CN151	1-580-057-11	o PIN, CONNECTOR 4P
CN152	1-580-056-21	o PIN, CONNECTOR 3P
CN154	1-770-620-21	s PIN, CONNECTOR 3P
CN155	1-764-007-91	o PIN, CONNECTOR 12P
CN156	1-695-223-21	o PIN, CONNECTOR (SMD) 10P
CN157	1-770-621-21	s PIN, CONNECTOR 4P
CN251	1-770-454-21	o CONNECTOR, BOARD TO BOARD 70P
CN252	1-770-454-21	o CONNECTOR, BOARD TO BOARD 70P
CN253	1-770-454-21	o CONNECTOR, BOARD TO BOARD 70P
CN701	1-779-884-11	s PLUG, CONNECTOR 4P
CN752	1-794-823-11	s CONNECTOR (ZIF), FPC/FFC 32P
CN802	1-794-823-11	s CONNECTOR (ZIF), FPC/FFC 32P
CN852	1-794-823-11	s CONNECTOR (ZIF), FPC/FFC 32P
CN901	1-580-056-21	o PIN, CONNECTOR 3P
CN902	1-580-055-21	o PIN, CONNECTOR 2P
D101	8-719-024-77	s DIODE HN1D03FU-TE85L
D102	8-719-045-51	s DIODE SEC2422C
D103	8-719-045-61	s DIODE SEC1901C
D104	8-719-045-61	s DIODE SEC1901C
D105	8-719-045-53	s DIODE SEC1801C
D152	8-719-073-11	s DIODE BZA456A
D155	6-500-318-01	s DIODE NSCW100
D156	6-500-318-01	s DIODE NSCW100
D157	6-500-318-01	s DIODE NSCW100
D158	6-500-318-01	s DIODE NSCW100
D401	8-719-941-86	s DIODE DAN202U
D402	8-719-941-86	s DIODE DAN202U
D403	8-719-988-61	s DIODE 1SS355TE-17
D501	8-719-988-61	s DIODE 1SS355TE-17
D601	8-719-988-61	s DIODE 1SS355TE-17
D652	8-719-941-86	s DIODE DAN202U
D935	8-719-058-24	s DIODE RB501V-40TE17
D936	8-719-036-94	s DIODE RD5.6SB-T1
D937	8-719-058-24	s DIODE RB501V-40TE17
D938	8-719-988-61	s DIODE 1SS355TE-17
D981	8-719-024-77	s DIODE HN1D03FU-TE85L
FB101	1-414-921-11	s INDUCTOR, FERRITE BEAD
FB102	1-414-921-11	s INDUCTOR, FERRITE BEAD
FB155	1-414-921-11	s INDUCTOR, FERRITE BEAD
FB156	1-414-921-11	s INDUCTOR, FERRITE BEAD
FB157	1-414-921-11	s INDUCTOR, FERRITE BEAD
FB158	1-414-921-11	s INDUCTOR, FERRITE BEAD
FB159	1-414-921-11	s INDUCTOR, FERRITE BEAD
FB160	1-414-921-11	s INDUCTOR, FERRITE BEAD
FB161	1-414-921-11	s INDUCTOR, FERRITE BEAD
FB162	1-414-921-11	s INDUCTOR, FERRITE BEAD
FB167	1-400-150-11	s FERRITE, EMI (SMD)
FB169	1-400-150-11	s FERRITE, EMI (SMD)
FB171	1-414-921-11	s INDUCTOR, FERRITE BEAD

## (C BOARD)

Ref. No. or Q'ty	Part No.	SP Description
FB172	1-414-921-11	s INDUCTOR, FERRITE BEAD
FB173	1-414-921-11	s INDUCTOR, FERRITE BEAD
FB174	1-414-921-11	s INDUCTOR, FERRITE BEAD
FB251	1-414-921-11	s INDUCTOR, FERRITE BEAD
FB252	1-414-921-11	s INDUCTOR, FERRITE BEAD
FB301	1-414-921-11	s INDUCTOR, FERRITE BEAD
FB305	1-414-234-11	s INDUCTOR, FERRITE BEAD
FB306	1-414-234-11	s INDUCTOR, FERRITE BEAD
FB307	1-414-921-11	s INDUCTOR, FERRITE BEAD
FB308	1-414-921-11	s INDUCTOR, FERRITE BEAD
FB309	1-414-921-11	s INDUCTOR, FERRITE BEAD
FB351	1-414-921-11	s INDUCTOR, FERRITE BEAD
FB352	1-414-921-11	s INDUCTOR, FERRITE BEAD
FB451	1-414-921-11	s INDUCTOR, FERRITE BEAD
FB453	1-414-921-11	s INDUCTOR, FERRITE BEAD
FB501	1-414-921-11	s INDUCTOR, FERRITE BEAD
FB550	1-414-921-11	s INDUCTOR, FERRITE BEAD
FB551	1-414-766-21	s INDUCTOR, FERRITE BEAD
FB552	1-414-766-21	s INDUCTOR, FERRITE BEAD
FB553	1-414-766-21	s INDUCTOR, FERRITE BEAD
FB554	1-414-766-21	s INDUCTOR, FERRITE BEAD
FB601	1-414-921-11	s INDUCTOR, FERRITE BEAD
FB651	1-414-921-11	s INDUCTOR, FERRITE BEAD
FB652	1-414-921-11	s INDUCTOR, FERRITE BEAD
FB653	1-400-150-11	s FERRITE, EMI (SMD)
FB654	1-400-150-11	s FERRITE, EMI (SMD)
FB701	1-414-921-11	s INDUCTOR, FERRITE BEAD
FB702	1-414-921-11	s INDUCTOR, FERRITE BEAD
FB703	1-414-921-11	s INDUCTOR, FERRITE BEAD
FB704	1-414-921-11	s INDUCTOR, FERRITE BEAD
FB705	1-414-921-11	s INDUCTOR, FERRITE BEAD
FB706	1-414-921-11	s INDUCTOR, FERRITE BEAD
FB707	1-414-921-11	s INDUCTOR, FERRITE BEAD
FB708	1-414-921-11	s INDUCTOR, FERRITE BEAD
FB709	1-414-921-11	s INDUCTOR, FERRITE BEAD
FB710	1-414-921-11	s INDUCTOR, FERRITE BEAD
FB711	1-414-921-11	s INDUCTOR, FERRITE BEAD
FB751	1-414-921-11	s INDUCTOR, FERRITE BEAD
FB756	1-414-921-11	s INDUCTOR, FERRITE BEAD
FB757	1-414-921-11	s INDUCTOR, FERRITE BEAD
FB801	1-414-921-11	s INDUCTOR, FERRITE BEAD
FB807	1-414-921-11	s INDUCTOR, FERRITE BEAD
FB851	1-414-921-11	s INDUCTOR, FERRITE BEAD
FB857	1-414-921-11	s INDUCTOR, FERRITE BEAD
FB901	1-469-324-21	s FERRITE, EMI (SMD) 4.7UH
FB902	1-469-324-21	s FERRITE, EMI (SMD) 4.7UH
FB903	1-469-324-21	s FERRITE, EMI (SMD) 4.7UH
FB904	1-469-324-21	s FERRITE, EMI (SMD) 4.7UH
FB932	1-414-921-11	s INDUCTOR, FERRITE BEAD
FL151	1-239-899-21	s FILTER, CHIP EMI
FL152	1-239-899-21	s FILTER, CHIP EMI
FL301	1-239-848-11	s FILTER, LOW PASS
FL302	1-239-848-11	s FILTER, LOW PASS
FL303	1-239-848-11	s FILTER, LOW PASS
IC103	6-702-624-01	s IC HD64F2377VFQ33V
IC104	8-759-593-23	s IC S-80928ANMP-DDR-T2
IC105	6-702-688-01	s IC M24C64-WMN6T(B)
IC106	8-759-592-49	s IC TC7SZ125FU(T85R)
IC107	8-759-491-47	s IC TC74VHCT08FT (EL)

## (C BOARD)

Ref. No. or Q'ty	Part No.	SP Description
IC108	8-759-548-99	s IC SN74LV08APWR
IC109	8-759-485-79	s IC TC7SET08FU (TE85L)
IC154	8-759-681-47	s IC IRMF-A0T-QTP
IC201	8-759-460-81	s IC BA12FP-E2
IC202	8-759-533-85	s IC L88M05T-FA-TL
IC203	8-759-533-85	s IC L88M05T-FA-TL
IC204	8-759-533-85	s IC L88M05T-FA-TL
IC205	8-759-388-31	s IC PQ20VZ1U
IC206	8-759-460-79	s IC BA09FP-E2
IC207	8-759-460-72	s IC BA033FP
IC208	8-759-460-72	s IC BA033FP
IC209	8-759-659-65	s IC LP2985IM5X-3.3
IC210	8-759-460-72	s IC BA033FP
IC211	8-759-533-85	s IC L88M05T-FA-TL
IC212	8-759-652-56	s IC BA033F-E2
IC213	8-759-539-89	s IC LM2990SX-5.0
IC214	8-759-582-37	s IC PQ2TZ15U
IC215	8-759-582-37	s IC PQ2TZ15U
IC216	8-759-533-85	s IC L88M05T-FA-TL
IC217	8-759-659-65	s IC LP2985IM5X-3.3
IC218	8-759-582-37	s IC PQ2TZ15U
IC251	8-759-491-47	s IC TC74VHCT08FT (EL)
IC252	8-759-491-47	s IC TC74VHCT08FT (EL)
IC301	6-700-960-01	s IC UPD64083GF-3BA
IC351	8-759-593-23	s IC S-80928ANMP-DDR-T2
IC352 *1		IC SAA7118E/V1.518
IC353	8-759-447-77	s IC TC7WH74FU (TE12R)
IC401	8-759-457-53	s IC GS1881-CTA
IC402	8-759-700-78	s IC NJM082M
IC403	8-759-675-54	s IC TC7W53FK-TE85R
IC404	8-759-092-80	s IC SN75157PS
IC405	8-759-646-02	s IC M52347FP-TE
IC406	8-789-472-35	s IC 74VHC221AMTCX
IC451	6-703-688-01	s IC AD9888XS-170
IC501	8-759-549-20	s IC SN74LV541APWR
IC502	8-759-549-20	s IC SN74LV541APWR
IC503	8-759-549-20	s IC SN74LV541APWR
IC504	8-759-549-20	s IC SN74LV541APWR
IC505	8-759-549-20	s IC SN74LV541APWR
IC506	8-759-549-20	s IC SN74LV541APWR
IC507	8-759-549-20	s IC SN74LV541APWR
IC550 *1		IC CXD9721GG
IC551	8-759-593-23	s IC S-80928ANMP-DDR-T2
IC552	8-759-663-74	s IC HY57V161610DTC-7TR
IC601 *1		IC CXD9746GG
IC651 *1		IC PW164B-20TK
IC652	8-759-439-67	s IC TC7W126FU (TE12R)
IC653	8-759-471-85	s IC 74VHC00MTCX
IC654	8-759-593-23	s IC S-80928ANMP-DDR-T2
IC655	8-759-471-89	s IC 74VHC02MTCX
IC656	8-759-549-01	s IC SN74LV125APWR
IC657	8-759-549-01	s IC SN74LV125APWR
IC659	6-802-134-01	s IC ICS332-SX1738
IC660	6-802-436-01	s IC MX29LV800TTC-70G-SX1738
IC701	8-759-831-52	s IC TC7WH125FK (TE85R)
IC702 *1		IC CXD9607GB
IC703	8-759-447-77	s IC TC7WH74FU (TE12R)
IC704	8-759-548-99	s IC SN74LV08APWR
IC705	8-759-593-23	s IC S-80928ANMP-DDR-T2

## (C BOARD)

Ref. No. or Q'ty	Part No.	SP Description
IC706	6-702-688-01	s IC M24C64-WMN6T(B)
IC708	8-759-542-46	s IC M62392FP
IC709	8-759-679-58	s IC SN74AHCT541PWR
IC710	8-759-679-58	s IC SN74AHCT541PWR
IC711	6-700-915-01	s IC SN74AHCT04PWR
IC712	8-759-679-58	s IC SN74AHCT541PWR
IC713	8-759-490-43	s IC TC74VHCT540AFT(EL)
IC751	8-752-103-51	s IC CXA7000R-T6
IC753	8-759-252-41	s IC TK11900MTL
IC801	8-752-103-51	s IC CXA7000R-T6
IC851	8-752-103-51	s IC CXA7000R-T6
IC901	6-701-203-01	s IC TPA2000D2PWPR
IC902	8-759-472-35	s IC 74VHC221AMTCX
IC934	8-759-697-26	s IC RCV4-A1T-MASK-25
IC981	8-759-472-35	s IC 74VHC221AMTCX
IC983	8-759-598-43	s IC TC7WH04FK (TE85R)
IC984	8-759-698-31	s IC TC7WH74FK (TE85R)
IC985	8-759-549-01	s IC SN74LV125APWR
IC986	8-759-675-53	s IC TC7WH32FK-TE85R
IC987	8-759-656-54	s IC TC7WH14FK (TE85R)
IC988	8-759-549-01	s IC SN74LV125APWR
L204	1-409-529-41	s COIL, CHOKE 10UH
L210	1-409-529-41	s COIL, CHOKE 10UH
L301	1-412-058-11	s INDUCTOR, SMALL TYPE 10UH
L302	1-412-002-31	s INDUCTOR 4.7UH
L303	1-412-058-11	s INDUCTOR, SMALL TYPE 10UH
L304	1-412-058-11	s INDUCTOR, SMALL TYPE 10UH
L305	1-412-058-11	s INDUCTOR, SMALL TYPE 10UH
L306	1-412-058-11	s INDUCTOR, SMALL TYPE 10UH
L307	1-412-058-11	s INDUCTOR 10UH
L352	1-469-523-91	s INDUCTOR 2.2UH (NLFV25)
L353	1-469-525-91	s INDUCTOR 10UH (NLFV25)
L354	1-409-529-41	s COIL, CHOKE 10UH
L355	1-469-525-91	s INDUCTOR 10UH (NLFV25)
L401	1-412-058-11	s INDUCTOR, SMALL TYPE 10UH
L402	1-412-058-11	s INDUCTOR, SMALL TYPE 10UH
L403	1-412-058-11	s INDUCTOR, SMALL TYPE 10UH
L404	1-412-058-11	s INDUCTOR, SMALL TYPE 10UH
L405	1-469-523-91	s INDUCTOR 2.2UH (NLFV25)
L651	1-469-528-91	s INDUCTOR 100UH (NLFV25)
L701	1-469-523-91	s INDUCTOR 2.2UH (NLFV25)
L751	1-410-369-11	s INDUCTOR, CHIP 1UH (3225)
L752	1-410-369-11	s INDUCTOR, CHIP 1UH (3225)
L753	1-414-078-11	s INDUCTOR 10UH
L801	1-410-369-11	s INDUCTOR, CHIP 1UH (3225)
L802	1-410-369-11	s INDUCTOR, CHIP 1UH (3225)
L803	1-414-078-11	s INDUCTOR 10UH
L851	1-410-369-11	s INDUCTOR, CHIP 1UH (3225)
L852	1-410-369-11	s INDUCTOR, CHIP 1UH (3225)
L853	1-414-078-11	s INDUCTOR 10UH
Q101	6-550-014-01	s TRANSISTOR SSM6N15FU (TE85R)
Q102	8-729-013-28	s TRANSISTOR HN1B01FU-TE85R
Q103	8-729-013-26	s TRANSISTOR HN1C03FU-TE85R
Q104	8-729-028-80	s TRANSISTOR DTA123EUA-T106
Q105	8-729-028-80	s TRANSISTOR DTA123EUA-T106
Q106	8-729-028-80	s TRANSISTOR DTA123EUA-T106
Q107	8-729-028-80	s TRANSISTOR DTA123EUA-T106
Q108	8-729-028-80	s TRANSISTOR DTA123EUA-T106

## (C BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
Q109	6-550-014-01	s	TRANSISTOR SSM6N15FU (TE85R)
Q151	8-729-013-26	s	TRANSISTOR HN1C03FU-TE85R
Q153	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q251	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q301	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q302	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q303	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q304	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q305	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q306	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q307	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q308	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q309	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q310	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q311	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q312	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q313	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q314	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q315	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q316	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q317	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q351	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q352	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q353	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q401	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q402	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q403	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q404	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q405	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q406	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q407	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q408	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q409	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q410	8-729-427-70	s	TRANSISTOR XP4401
Q411	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q412	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q413	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q420	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q421	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q501	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q701	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q702	8-729-013-26	s	TRANSISTOR HN1C03FU-TE85R
Q703	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q751	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q752	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q801	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q802	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q851	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q852	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q901	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q902	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q933	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q934	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q935	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
R2	1-218-959-11	s	RESISTOR,CHIP 3.3K 1/16W (1005)
R4	1-211-987-11	s	RESISTOR,CHIP 56 1/10W (1608)
R5	1-211-987-11	s	RESISTOR,CHIP 56 1/10W (1608)
R7	1-218-959-11	s	RESISTOR,CHIP 3.3K 1/16W (1005)
R8	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W (1608)

## (C BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R9	1-211-987-11	s	RESISTOR,CHIP 56 1/10W (1608)
R11	1-218-959-11	s	RESISTOR,CHIP 3.3K 1/16W (1005)
R12	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W (1608)
R13	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R17	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R18	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R19	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R20	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R21	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R23	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R24	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R25	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R26	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R27	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R28	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R29	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R35	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R69	1-208-683-11	s	RESISTOR CHIP 1K 1/16W (1005)
R70	1-208-667-11	s	RESISTOR CHIP 220 1/16W (1005)
R71	1-208-683-11	s	RESISTOR CHIP 1K 1/16W (1005)
R72	1-208-667-11	s	RESISTOR CHIP 220 1/16W (1005)
R77	1-218-990-11	s	CONDUCTOR,CHIP
R78	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R79	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R80	1-208-715-11	s	RESISTOR,CHIP 22K 1/16W (1005)
R81	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R83	1-218-962-11	s	RESISTOR,CHIP 5.6K 1/16W
R84	1-218-990-11	s	CONDUCTOR,CHIP
R86	1-218-937-11	s	RESISTOR, CHIP 47
R87	1-218-937-11	s	RESISTOR, CHIP 47
R88	1-218-937-11	s	RESISTOR, CHIP 47
R89	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R90	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R91	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R92	1-218-953-11	s	RESISTOR,CHIP 1K 1/16W
R93	1-218-990-11	s	CONDUCTOR,CHIP
R95	1-218-953-11	s	RESISTOR,CHIP 1K 1/16W
R96	1-218-953-11	s	RESISTOR,CHIP 1K 1/16W
R97	1-218-953-11	s	RESISTOR,CHIP 1K 1/16W
R98	1-218-953-11	s	RESISTOR,CHIP 1K 1/16W
R99	1-218-953-11	s	RESISTOR,CHIP 1K 1/16W
R101	1-216-809-11	s	RESISTOR,CHIP 100 1/10W 1608
R102	1-216-809-11	s	RESISTOR,CHIP 100 1/10W 1608
R103	1-208-699-11	s	RESISTOR,CHIP 4.7K 1/16W(1005)
R104	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R105	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R106	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R107	1-216-809-11	s	RESISTOR,CHIP 100 1/10W 1608
R108	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R109	1-216-809-11	s	RESISTOR,CHIP 100 1/10W 1608
R110	1-216-809-11	s	RESISTOR,CHIP 100 1/10W 1608
R111	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R112	1-218-961-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R113	1-218-961-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R116	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R118	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R119	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R120	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R121	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W

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Ref. No. or Q'ty	Part No.	SP Description
R122	1-218-961-11 s	RESISTOR, CHIP 4.7K 1/16W
R123	1-218-961-11 s	RESISTOR, CHIP 4.7K 1/16W
R124	1-218-957-11 s	RESISTOR, CHIP 2.2K 1/16W
R125	1-218-957-11 s	RESISTOR, CHIP 2.2K 1/16W
R126	1-218-941-11 s	RESISTOR,CHIP 100 1/16W (1005)
R129	1-218-965-11 s	RESISTOR, CHIP 10K 1/16W
R130	1-218-965-11 s	RESISTOR, CHIP 10K 1/16W
R131	1-218-965-11 s	RESISTOR, CHIP 10K 1/16W
R132	1-208-635-11 s	RESISTOR CHIP 10 1/16W (1005)
R133	1-218-945-11 s	RESISTOR,CHIP 220 1/16W(1005)
R134	1-218-965-11 s	RESISTOR, CHIP 10K 1/16W
R135	1-218-973-11 s	RESISTOR,CHIP 47K 1/16W (1005)
R136	1-218-965-11 s	RESISTOR, CHIP 10K 1/16W
R137	1-218-965-11 s	RESISTOR, CHIP 10K 1/16W
R138	1-218-965-11 s	RESISTOR, CHIP 10K 1/16W
R139	1-218-965-11 s	RESISTOR, CHIP 10K 1/16W
R140	1-218-973-11 s	RESISTOR,CHIP 47K 1/16W (1005)
R142	1-218-965-11 s	RESISTOR, CHIP 10K 1/16W
R143	1-218-973-11 s	RESISTOR,CHIP 47K 1/16W (1005)
R144	1-218-973-11 s	RESISTOR,CHIP 47K 1/16W (1005)
R145	1-218-965-11 s	RESISTOR, CHIP 10K 1/16W
R146	1-218-965-11 s	RESISTOR, CHIP 10K 1/16W
R147	1-218-953-11 s	RESISTOR, CHIP 1K 1/16W
R148	1-218-965-11 s	RESISTOR, CHIP 10K 1/16W
R149	1-218-971-11 s	RESISTOR,CHIP 33K 1/16W (1005)
R150	1-218-971-11 s	RESISTOR,CHIP 33K 1/16W (1005)
R151	1-218-941-11 s	RESISTOR,CHIP 100 1/16W (1005)
R152	1-218-941-11 s	RESISTOR,CHIP 100 1/16W (1005)
R153	1-218-965-11 s	RESISTOR, CHIP 10K 1/16W
R154	1-218-965-11 s	RESISTOR, CHIP 10K 1/16W
R155	1-218-965-11 s	RESISTOR, CHIP 10K 1/16W
R156	1-218-965-11 s	RESISTOR, CHIP 10K 1/16W
R157	1-218-965-11 s	RESISTOR, CHIP 10K 1/16W
R158	1-218-965-11 s	RESISTOR, CHIP 10K 1/16W
R159	1-218-965-11 s	RESISTOR, CHIP 10K 1/16W
R161	1-218-965-11 s	RESISTOR, CHIP 10K 1/16W
R162	1-218-965-11 s	RESISTOR, CHIP 10K 1/16W
R163	1-218-953-11 s	RESISTOR, CHIP 1K 1/16W
R164	1-218-953-11 s	RESISTOR, CHIP 1K 1/16W
R165	1-218-953-11 s	RESISTOR, CHIP 1K 1/16W
R166	1-218-953-11 s	RESISTOR, CHIP 1K 1/16W
R167	1-218-965-11 s	RESISTOR, CHIP 10K 1/16W
R168	1-218-965-11 s	RESISTOR, CHIP 10K 1/16W
R178	1-208-677-11 s	RESISTOR, CHIP 560 1/16W
R179	1-208-677-11 s	RESISTOR, CHIP 560 1/16W
R185	1-218-941-11 s	RESISTOR,CHIP 100 1/16W (1005)
R186	1-218-973-11 s	RESISTOR,CHIP 47K 1/16W (1005)
R187	1-218-941-11 s	RESISTOR,CHIP 100 1/16W (1005)
R188	1-218-973-11 s	RESISTOR,CHIP 47K 1/16W (1005)
R189	1-218-962-11 s	RESISTOR,CHIP 5.6K 1/16W(1005)
R190	1-218-941-11 s	RESISTOR,CHIP 100 1/16W (1005)
R191	1-218-941-11 s	RESISTOR,CHIP 100 1/16W (1005)
R192	1-218-941-11 s	RESISTOR,CHIP 100 1/16W (1005)
R195	1-218-965-11 s	RESISTOR, CHIP 10K 1/16W
R198	1-218-965-11 s	RESISTOR, CHIP 10K 1/16W
R199	1-218-941-11 s	RESISTOR,CHIP 100 1/16W (1005)
R201	1-218-937-11 s	RESISTOR, CHIP 47
R204	1-219-598-11 s	RESISTOR, CHIP 47K 1/16W(1005)
R205	1-208-711-11 s	RESISTOR CHIP 15K 1/16W (1005)

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Ref. No. or Q'ty	Part No.	SP Description
R206	1-208-683-11 s	RESISTOR CHIP 1K 1/16W (1005)
R251	1-208-635-11 s	RESISTOR CHIP 10 1/16W (1005)
R252	1-208-635-11 s	RESISTOR CHIP 10 1/16W (1005)
R253	1-208-635-11 s	RESISTOR CHIP 10 1/16W (1005)
R254	1-208-635-11 s	RESISTOR CHIP 10 1/16W (1005)
R255	1-208-635-11 s	RESISTOR CHIP 10 1/16W (1005)
R256	1-208-635-11 s	RESISTOR CHIP 10 1/16W (1005)
R260	1-218-965-11 s	RESISTOR,CHIP 10K 1/16W
R280	1-218-957-11 s	RESISTOR,CHIP 2.2K 1/16W(1608)
R281	1-218-957-11 s	RESISTOR,CHIP 2.2K 1/16W(1608)
R282	1-218-959-11 s	RESISTOR,CHIP 3.3K
R283	1-218-959-11 s	RESISTOR,CHIP 3.3K
R284	1-216-813-11 s	RESISTOR,CHIP 220 1/10W 1608
R285	1-216-813-11 s	RESISTOR,CHIP 220 1/10W 1608
R286	1-216-813-11 s	RESISTOR,CHIP 220 1/10W 1608
R287	1-216-813-11 s	RESISTOR,CHIP 220 1/10W 1608
R301	1-218-953-11 s	RESISTOR, CHIP 1K 1/16W
R302	1-218-955-11 s	RESISTOR,CHIP 1.5K 1/16W
R303	1-218-949-11 s	RESISTOR,CHIP 470 1/16W
R304	1-218-941-11 s	RESISTOR,CHIP 100 1/16W (1005)
R305	1-218-965-11 s	RESISTOR, CHIP 10K 1/16W
R306	1-218-941-11 s	RESISTOR,CHIP 100 1/16W (1005)
R307	1-218-953-11 s	RESISTOR, CHIP 1K 1/16W
R308	1-218-953-11 s	RESISTOR, CHIP 1K 1/16W
R309	1-218-990-11 s	RESISTOR,CHIP 0 1/16W (1005)
R310	1-218-957-11 s	RESISTOR,CHIP 2.2K 1/16W(1608)
R311	1-218-961-11 s	RESISTOR, CHIP 4.7K 1/16W
R312	1-218-957-11 s	RESISTOR,CHIP 2.2K 1/16W(1608)
R313	1-208-677-11 s	RESISTOR CHIP 560 1/16W (1005)
R314	1-208-677-11 s	RESISTOR CHIP 560 1/16W (1005)
R315	1-218-949-11 s	RESISTOR,CHIP 470 1/16W
R316	1-218-949-11 s	RESISTOR,CHIP 470 1/16W
R317	1-218-953-11 s	RESISTOR, CHIP 1K 1/16W
R318	1-218-957-11 s	RESISTOR,CHIP 2.2K 1/16W(1608)
R319	1-218-957-11 s	RESISTOR,CHIP 2.2K 1/16W(1608)
R320	1-218-973-11 s	RESISTOR,CHIP 47K 1/16W (1005)
R321	1-218-981-11 s	RESISTOR CHIP 220K 1/16W(1005)
R322	1-218-941-11 s	RESISTOR,CHIP 100 1/16W (1005)
R324	1-218-945-11 s	RESISTOR,CHIP 220 1/16W(1005)
R325	1-208-701-11 s	RESISTOR CHIP 5.6K 1/16W(1005)
R326	1-208-701-11 s	RESISTOR CHIP 5.6K 1/16W(1005)
R327	1-218-957-11 s	RESISTOR,CHIP 2.2K 1/16W(1608)
R328	1-218-957-11 s	RESISTOR,CHIP 2.2K 1/16W(1608)
R329	1-208-675-11 s	RESISTOR CHIP 470 1/16W (1005)
R330	1-218-952-11 s	RESISTOR, CHIP 820
R331	1-208-683-11 s	RESISTOR CHIP 1K 1/16W (1005)
R332	1-208-651-11 s	RESISTOR CHIP 47 1/16W (1005)
R333	1-208-675-11 s	RESISTOR CHIP 470 1/16W (1005)
R334	1-208-675-11 s	RESISTOR CHIP 470 1/16W (1005)
R335	1-208-675-11 s	RESISTOR CHIP 470 1/16W (1005)
R336	1-218-990-11 s	RESISTOR,CHIP 0 1/16W (1005)
R337	1-208-701-11 s	RESISTOR CHIP 5.6K 1/16W(1005)
R338	1-208-691-11 s	RESISTOR CHIP 2.2K 1/16W(1005)
R339	1-218-952-11 s	RESISTOR, CHIP 820
R340	1-208-691-11 s	RESISTOR CHIP 2.2K 1/16W(1005)
R341	1-218-952-11 s	RESISTOR, CHIP 820
R342	1-218-971-11 s	RESISTOR,CHIP 33K 1/16W (1005)
R343	1-218-966-11 s	RESISTOR, CHIP 12K
R344	1-218-971-11 s	RESISTOR,CHIP 33K 1/16W (1005)

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Ref. No. or Q'ty	Part No.	SP	Description
R345	1-218-966-11	s	RESISTOR, CHIP 12K
R346	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R347	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R348	1-208-663-11	s	RESISTOR CHIP 150 1/16W (1005)
R349	1-208-663-11	s	RESISTOR CHIP 150 1/16W (1005)
R350	1-208-677-11	s	RESISTOR CHIP 560 1/16W (1005)
R351	1-208-663-11	s	RESISTOR CHIP 150 1/16W (1005)
R352	1-208-663-11	s	RESISTOR CHIP 150 1/16W (1005)
R353	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R354	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R355	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R356	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R359	1-211-975-11	s	RESISTOR,CHIP 18 1/10W (1608)
R360	1-211-975-11	s	RESISTOR,CHIP 18 1/10W (1608)
R361	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R362	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R366	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R367	1-211-975-11	s	RESISTOR,CHIP 18 1/10W (1608)
R368	1-211-975-11	s	RESISTOR,CHIP 18 1/10W (1608)
R369	1-211-975-11	s	RESISTOR,CHIP 18 1/10W (1608)
R371	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R372	1-211-987-11	s	RESISTOR,CHIP 56 1/10W (1608)
R373	1-211-987-11	s	RESISTOR,CHIP 56 1/10W (1608)
R374	1-211-987-11	s	RESISTOR,CHIP 56 1/10W (1608)
R375	1-211-987-11	s	RESISTOR,CHIP 56 1/10W (1608)
R376	1-211-987-11	s	RESISTOR,CHIP 56 1/10W (1608)
R382	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R383	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R384	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R385	1-211-975-11	s	RESISTOR,CHIP 18 1/10W (1608)
R386	1-211-975-11	s	RESISTOR,CHIP 18 1/10W (1608)
R387	1-211-975-11	s	RESISTOR,CHIP 18 1/10W (1608)
R388	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R389	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R390	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R394	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R396	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R397	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R398	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R399	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W (1608)
R401	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R402	1-218-937-11	s	RESISTOR, CHIP 47
R403	1-218-937-11	s	RESISTOR, CHIP 47
R404	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R405	1-218-969-11	s	RESISTOR,CHIP 22K 1/16W (1608)
R406	1-218-969-11	s	RESISTOR,CHIP 22K 1/16W (1608)
R407	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R408	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R409	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R410	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R411	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R412	1-218-949-11	s	RESISTOR,CHIP 470 1/16W
R413	1-218-979-11	s	RESISTOR, CHIP 150K
R414	1-218-978-11	s	RESISTOR,CHIP 120K 1/16W(1005)
R415	1-218-976-11	s	RESISTOR, CHIP 82K 1/16W(1005)
R416	1-218-937-11	s	RESISTOR, CHIP 47
R417	1-218-976-11	s	RESISTOR, CHIP 82K 1/16W(1005)
R418	1-218-977-11	s	RESISTOR,CHIP 100K 1/16W(1005)
R419	1-218-976-11	s	RESISTOR, CHIP 82K 1/16W(1005)

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Ref. No. or Q'ty	Part No.	SP	Description
R420	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R421	1-218-767-11	s	RESISTOR,CHIP 430K 1/10W(2012)
R422	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R425	1-218-937-11	s	RESISTOR, CHIP 47
R426	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R427	1-218-981-11	s	RESISTOR CHIP 220K 1/16W(1005)
R428	1-218-937-11	s	RESISTOR, CHIP 47
R429	1-208-695-11	s	RESISTOR CHIP 3.3K 1/16W(1005)
R430	1-208-707-11	s	RESISTOR,CHIP 10K 1/16W (1005)
R431	1-208-707-11	s	RESISTOR,CHIP 10K 1/16W (1005)
R432	1-218-937-11	s	RESISTOR, CHIP 47
R433	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R434	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R435	1-208-695-11	s	RESISTOR CHIP 3.3K 1/16W(1005)
R436	1-208-671-11	s	RESISTOR CHIP 330 1/16W (1005)
R437	1-208-699-11	s	RESISTOR,CHIP 4.7K 1/16W(1005)
R438	1-218-937-11	s	RESISTOR, CHIP 47
R439	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R442	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R443	1-208-701-11	s	RESISTOR CHIP 5.6K 1/16W(1005)
R444	1-208-691-11	s	RESISTOR CHIP 2.2K 1/16W(1005)
R446	1-218-959-11	s	RESISTOR, CHIP 3.3K
R448	1-218-945-11	s	RESISTOR,CHIP 220 1/16W(1005)
R449	1-218-937-11	s	RESISTOR, CHIP 47
R451	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R453	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R454	1-218-937-11	s	RESISTOR, CHIP 47
R455	1-218-957-11	s	RESISTOR, CHIP 2.2K 1/16W
R456	1-218-961-11	s	RESISTOR,CHIP 4.7K 1/16W
R458	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R459	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R461	1-218-977-11	s	RESISTOR,CHIP 100K 1/16W(1005)
R462	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W(1005)
R471	1-218-937-11	s	RESISTOR, CHIP 47
R472	1-218-937-11	s	RESISTOR, CHIP 47
R473	1-218-937-11	s	RESISTOR, CHIP 47
R474	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R475	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R477	1-218-937-11	s	RESISTOR, CHIP 47
R478	1-218-937-11	s	RESISTOR, CHIP 47
R479	1-218-937-11	s	RESISTOR, CHIP 47
R480	1-218-937-11	s	RESISTOR, CHIP 47
R481	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R482	1-218-937-11	s	RESISTOR, CHIP 47
R485	1-218-937-11	s	RESISTOR, CHIP 47
R487	1-218-937-11	s	RESISTOR, CHIP 47
R489	1-218-937-11	s	RESISTOR, CHIP 47
R491	1-218-937-11	s	RESISTOR, CHIP 47
R492	1-218-937-11	s	RESISTOR, CHIP 47
R493	1-208-695-11	s	RESISTOR CHIP 3.3K 1/16W(1005)
R494	1-218-937-11	s	RESISTOR, CHIP 47
R495	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R497	1-218-937-11	s	RESISTOR, CHIP 47
R502	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R503	1-218-937-11	s	RESISTOR, CHIP 47
R550	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R551	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R552	1-218-937-11	s	RESISTOR, CHIP 47
R553	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)

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Ref. No. or Q'ty	Part No.	SP Description
R554	1-218-953-11	s RESISTOR, CHIP 1K 1/16W
R555	1-208-643-11	s RESISTOR CHIP 22 1/16W (1005)
R558	1-218-965-11	s RESISTOR, CHIP 10K 1/16W
R559	1-218-965-11	s RESISTOR, CHIP 10K 1/16W
R560	1-218-965-11	s RESISTOR, CHIP 10K 1/16W
R561	1-218-965-11	s RESISTOR, CHIP 10K 1/16W
R562	1-218-965-11	s RESISTOR, CHIP 10K 1/16W
R563	1-218-965-11	s RESISTOR, CHIP 10K 1/16W
R564	1-218-965-11	s RESISTOR, CHIP 10K 1/16W
R565	1-218-965-11	s RESISTOR, CHIP 10K 1/16W
R566	1-218-965-11	s RESISTOR, CHIP 10K 1/16W
R567	1-218-965-11	s RESISTOR, CHIP 10K 1/16W
R568	1-218-965-11	s RESISTOR, CHIP 10K 1/16W
R569	1-218-965-11	s RESISTOR, CHIP 10K 1/16W
R570	1-218-965-11	s RESISTOR, CHIP 10K 1/16W
R571	1-218-965-11	s RESISTOR, CHIP 10K 1/16W
R573	1-218-965-11	s RESISTOR, CHIP 10K 1/16W
R575	1-218-965-11	s RESISTOR, CHIP 10K 1/16W
R576	1-218-965-11	s RESISTOR, CHIP 10K 1/16W
R579	1-218-965-11	s RESISTOR, CHIP 10K 1/16W
R580	1-208-643-11	s RESISTOR CHIP 22 1/16W (1005)
R581	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R583	1-218-965-11	s RESISTOR, CHIP 10K 1/16W
R584	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R586	1-208-643-11	s RESISTOR CHIP 22 1/16W (1005)
R587	1-208-643-11	s RESISTOR CHIP 22 1/16W (1005)
R589	1-208-643-11	s RESISTOR CHIP 22 1/16W (1005)
R590	1-218-937-11	s RESISTOR, CHIP 47
R591	1-218-937-11	s RESISTOR, CHIP 47
R592	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R593	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R596	1-218-937-11	s RESISTOR, CHIP 47
R597	1-218-937-11	s RESISTOR, CHIP 47
R601	1-218-965-11	s RESISTOR, CHIP 10K 1/16W
R603	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R604	1-218-965-11	s RESISTOR, CHIP 10K 1/16W
R605	1-218-965-11	s RESISTOR, CHIP 10K 1/16W
R606	1-218-965-11	s RESISTOR, CHIP 10K 1/16W
R607	1-218-965-11	s RESISTOR, CHIP 10K 1/16W
R608	1-208-643-11	s RESISTOR CHIP 22 1/16W (1005)
R609	1-208-643-11	s RESISTOR CHIP 22 1/16W (1005)
R610	1-208-643-11	s RESISTOR CHIP 22 1/16W (1005)
R611	1-208-643-11	s RESISTOR CHIP 22 1/16W (1005)
R612	1-208-643-11	s RESISTOR CHIP 22 1/16W (1005)
R613	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R615	1-218-965-11	s RESISTOR, CHIP 10K 1/16W
R616	1-218-965-11	s RESISTOR, CHIP 10K 1/16W
R617	1-218-965-11	s RESISTOR, CHIP 10K 1/16W
R618	1-218-965-11	s RESISTOR, CHIP 10K 1/16W
R652	1-218-965-11	s RESISTOR, CHIP 10K 1/16W
R653	1-208-643-11	s RESISTOR CHIP 22 1/16W (1005)
R655	1-208-643-11	s RESISTOR CHIP 22 1/16W (1005)
R657	1-208-643-11	s RESISTOR CHIP 22 1/16W (1005)
R658	1-208-643-11	s RESISTOR CHIP 22 1/16W (1005)
R661	1-208-643-11	s RESISTOR CHIP 22 1/16W (1005)
R665	1-218-965-11	s RESISTOR, CHIP 10K 1/16W
R666	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R667	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R672	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)

## (C BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R673	1-218-965-11	s RESISTOR, CHIP 10K 1/16W
R674	1-218-961-11	s RESISTOR, CHIP 4.7K 1/16W
R675	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R676	1-218-961-11	s RESISTOR, CHIP 4.7K 1/16W
R677	1-218-953-11	s RESISTOR, CHIP 1K 1/16W
R679	1-218-961-11	s RESISTOR, CHIP 4.7K 1/16W
R680	1-208-643-11	s RESISTOR CHIP 22 1/16W (1005)
R681	1-208-643-11	s RESISTOR CHIP 22 1/16W (1005)
R682	1-218-953-11	s RESISTOR, CHIP 1K 1/16W
R685	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R688	1-218-961-11	s RESISTOR, CHIP 4.7K 1/16W
R689	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R690	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R691	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R692	1-218-965-11	s RESISTOR, CHIP 10K 1/16W
R695	1-218-957-11	s RESISTOR,CHIP 2.2K 1/16W(1608)
R696	1-208-643-11	s RESISTOR CHIP 22 1/16W (1005)
R697	1-208-643-11	s RESISTOR CHIP 22 1/16W (1005)
R698	1-208-643-11	s RESISTOR CHIP 22 1/16W (1005)
R701	1-218-965-11	s RESISTOR, CHIP 10K 1/16W
R702	1-218-965-11	s RESISTOR, CHIP 10K 1/16W
R703	1-218-937-11	s RESISTOR, CHIP 47
R704	1-218-937-11	s RESISTOR, CHIP 47
R705	1-218-937-11	s RESISTOR, CHIP 47
R706	1-218-937-11	s RESISTOR, CHIP 47
R707	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R708	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R709	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R710	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R711	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R712	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R713	1-218-937-11	s RESISTOR, CHIP 47
R714	1-218-937-11	s RESISTOR, CHIP 47
R715	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R717	1-218-965-11	s RESISTOR, CHIP 10K 1/16W
R718	1-218-973-11	s RESISTOR,CHIP 47K 1/16W (1005)
R719	1-218-937-11	s RESISTOR, CHIP 47
R720	1-218-937-11	s RESISTOR, CHIP 47
R721	1-218-937-11	s RESISTOR, CHIP 47
R722	1-218-953-11	s RESISTOR, CHIP 1K 1/16W
R723	1-218-965-11	s RESISTOR, CHIP 10K 1/16W
R724	1-218-961-11	s RESISTOR, CHIP 4.7K 1/16W
R725	1-218-961-11	s RESISTOR, CHIP 4.7K 1/16W
R726	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R727	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R728	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R729	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R731	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R732	1-218-957-11	s RESISTOR,CHIP 2.2K 1/16W(1608)
R738	1-218-961-11	s RESISTOR, CHIP 4.7K 1/16W
R739	1-218-961-11	s RESISTOR, CHIP 4.7K 1/16W
R740	1-218-973-11	s RESISTOR,CHIP 47K 1/16W (1005)
R741	1-218-973-11	s RESISTOR,CHIP 47K 1/16W (1005)
R751	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R752	1-218-957-11	s RESISTOR,CHIP 2.2K 1/16W(1608)
R753	1-218-957-11	s RESISTOR,CHIP 2.2K 1/16W(1608)
R754	1-208-635-11	s RESISTOR CHIP 10 1/16W (1005)
R755	1-208-635-11	s RESISTOR CHIP 10 1/16W (1005)
R756	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)



## (C BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R757	1-208-707-11	s RESISTOR,CHIP 10K 1/16W (1005)
R758	1-219-606-11	s RESISTOR,CHIP 100K 1/16W(1005)
R761	1-218-965-11	s RESISTOR, CHIP 10K 1/16W
R762	1-218-965-11	s RESISTOR, CHIP 10K 1/16W
R767	1-218-965-11	s RESISTOR, CHIP 10K 1/16W
R801	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R802	1-218-957-11	s RESISTOR,CHIP 2.2K 1/16W(1608)
R803	1-218-957-11	s RESISTOR,CHIP 2.2K 1/16W(1608)
R804	1-208-635-11	s RESISTOR CHIP 10 1/16W (1005)
R805	1-208-635-11	s RESISTOR CHIP 10 1/16W (1005)
R806	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R811	1-218-965-11	s RESISTOR, CHIP 10K 1/16W
R812	1-218-965-11	s RESISTOR, CHIP 10K 1/16W
R817	1-218-965-11	s RESISTOR, CHIP 10K 1/16W
R851	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)
R852	1-218-957-11	s RESISTOR,CHIP 2.2K 1/16W(1608)
R853	1-218-957-11	s RESISTOR,CHIP 2.2K 1/16W(1608)
R854	1-208-635-11	s RESISTOR CHIP 10 1/16W (1005)
R855	1-208-635-11	s RESISTOR CHIP 10 1/16W (1005)
R856	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R861	1-218-965-11	s RESISTOR, CHIP 10K 1/16W
R862	1-218-965-11	s RESISTOR, CHIP 10K 1/16W
R867	1-218-965-11	s RESISTOR, CHIP 10K 1/16W
R902	1-218-978-11	s RESISTOR,CHIP 10K 1/16W
R903	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R904	1-218-978-11	s RESISTOR,CHIP 120K 1/16W(1005)
R905	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R907	1-218-965-11	s RESISTOR, CHIP 10K 1/16W
R908	1-218-978-11	s RESISTOR,CHIP 120K 1/16W(1005)
R909	1-218-989-11	s RESISTOR,CHIP 1M 1/16W (1005)
R948	1-208-656-81	s RESISTOR, METAL CHIP75(1005)
R949	1-218-989-11	s RESISTOR,CHIP 1M 1/16W (1005)
R950	1-218-962-11	s RESISTOR,CHIP 5.6K 1/16W(1005)
R951	1-218-962-11	s RESISTOR,CHIP 5.6K 1/16W(1005)
R952	1-218-962-11	s RESISTOR,CHIP 5.6K 1/16W(1005)
R953	1-218-965-11	s RESISTOR, CHIP 10K 1/16W
R954	1-218-965-11	s RESISTOR, CHIP 10K 1/16W
R955	1-218-957-11	s RESISTOR,CHIP 2.2K 1/16W(1608)
R956	1-218-965-11	s RESISTOR, CHIP 10K 1/16W
R957	1-218-973-11	s RESISTOR,CHIP 47K 1/16W (1005)
R958	1-218-973-11	s RESISTOR,CHIP 47K 1/16W (1005)
R959	1-218-973-11	s RESISTOR,CHIP 47K 1/16W (1005)
R960	1-218-953-11	s RESISTOR,CHIP 1K 1/16W
R961	1-218-973-11	s RESISTOR,CHIP 47K 1/16W (1005)
R962	1-218-961-11	s RESISTOR, CHIP 4.7K 1/16W
R963	1-218-953-11	s RESISTOR, CHIP 1K 1/16W
R964	1-218-957-11	s RESISTOR,CHIP 2.2K 1/16W(1608)
R981	1-218-969-11	s RESISTOR,CHIP 22K 1/16W (1608)
R982	1-218-969-11	s RESISTOR,CHIP 22K 1/16W (1608)
R984	1-218-965-11	s RESISTOR, CHIP 10K 1/16W
R985	1-218-965-11	s RESISTOR, CHIP 10K 1/16W
R986	1-218-953-11	s RESISTOR, CHIP 1K 1/16W
R987	1-218-953-11	s RESISTOR, CHIP 1K 1/16W
RB101	1-234-372-21	s RES, NETWORK 100X4 (1005)
RB102	1-234-372-21	s RES, NETWORK 100X4 (1005)
RB103	1-234-372-21	s RES, NETWORK 100X4 (1005)
RB104	1-234-375-21	s RES, NETWORK 1KX4 (1005)
RB105	1-234-378-11	s RES, NETWORK 10KX4 (1005)

## (C BOARD)

Ref. No. or Q'ty	Part No.	SP Description
RB106	1-234-372-21	s RES, NETWORK 100X4 (1005)
RB107	1-234-372-21	s RES, NETWORK 100X4 (1005)
RB109	1-234-372-21	s RES, NETWORK 100X4 (1005)
RB111	1-234-372-21	s RES, NETWORK 100X4 (1005)
RB112	1-234-372-21	s RES, NETWORK 100X4 (1005)
RB113	1-234-372-21	s RES, NETWORK 100X4 (1005)
RB114	1-234-372-21	s RES, NETWORK 100X4 (1005)
RB116	1-234-372-21	s RES, NETWORK 100X4 (1005)
RB117	1-234-372-21	s RES, NETWORK 100X4 (1005)
RB118	1-234-372-21	s RES, NETWORK 100X4 (1005)
RB120	1-234-372-21	s RES, NETWORK 100X4 (1005)
RB351	1-234-369-21	s RES, NETWORK 10X4 (1005)
RB352	1-234-369-21	s RES, NETWORK 10X4 (1005)
RB353	1-234-369-21	s RES, NETWORK 10X4 (1005)
RB354	1-234-369-21	s RES, NETWORK 10X4 (1005)
RB451	1-234-372-21	s RES, NETWORK 100X4 (1005)
RB452	1-234-372-21	s RES, NETWORK 100X4 (1005)
RB453	1-234-372-21	s RES, NETWORK 100X4 (1005)
RB454	1-234-372-21	s RES, NETWORK 100X4 (1005)
RB455	1-234-372-21	s RES, NETWORK 100X4 (1005)
RB456	1-234-372-21	s RES, NETWORK 100X4 (1005)
RB457	1-234-372-21	s RES, NETWORK 100X4 (1005)
RB458	1-234-372-21	s RES, NETWORK 100X4 (1005)
RB459	1-234-372-21	s RES, NETWORK 100X4 (1005)
RB460	1-234-372-21	s RES, NETWORK 100X4 (1005)
RB461	1-234-372-21	s RES, NETWORK 100X4 (1005)
RB462	1-234-372-21	s RES, NETWORK 100X4 (1005)
RB501	1-234-369-21	s RES, NETWORK 10X4 (1005)
RB502	1-234-369-21	s RES, NETWORK 10X4 (1005)
RB503	1-234-369-21	s RES, NETWORK 10X4 (1005)
RB504	1-234-369-21	s RES, NETWORK 10X4 (1005)
RB505	1-234-369-21	s RES, NETWORK 10X4 (1005)
RB506	1-234-369-21	s RES, NETWORK 10X4 (1005)
RB507	1-234-369-21	s RES, NETWORK 10X4 (1005)
RB508	1-234-369-21	s RES, NETWORK 10X4 (1005)
RB509	1-234-369-21	s RES, NETWORK 10X4 (1005)
RB510	1-234-369-21	s RES, NETWORK 10X4 (1005)
RB511	1-234-369-21	s RES, NETWORK 10X4 (1005)
RB512	1-234-369-21	s RES, NETWORK 10X4 (1005)
RB513	1-234-369-21	s RES, NETWORK 10X4 (1005)
RB514	1-234-371-11	s RES, NETWORK 47X4 (1005)
RB515	1-234-371-11	s RES, NETWORK 47X4 (1005)
RB516	1-234-371-11	s RES, NETWORK 47X4 (1005)
RB517	1-234-371-11	s RES, NETWORK 47X4 (1005)
RB518	1-234-371-11	s RES, NETWORK 47X4 (1005)
RB519	1-234-371-11	s RES, NETWORK 47X4 (1005)
RB520	1-234-371-11	s RES, NETWORK 47X4 (1005)
RB521	1-234-371-11	s RES, NETWORK 47X4 (1005)
RB522	1-234-371-11	s RES, NETWORK 47X4 (1005)
RB523	1-234-371-11	s RES, NETWORK 47X4 (1005)
RB524	1-234-371-11	s RES, NETWORK 47X4 (1005)
RB525	1-234-371-11	s RES, NETWORK 47X4 (1005)
RB526	1-234-371-11	s RES, NETWORK 47X4 (1005)
RB550	1-234-369-21	s RES, NETWORK 10X4 (1005)
RB551	1-234-369-21	s RES, NETWORK 10X4 (1005)
RB552	1-234-369-21	s RES, NETWORK 10X4 (1005)
RB553	1-234-369-21	s RES, NETWORK 10X4 (1005)
RB554	1-234-369-21	s RES, NETWORK 10X4 (1005)
RB555	1-234-369-21	s RES, NETWORK 10X4 (1005)

Ref. No. or Q'ty	Part No.	SP	Description	
RB556	1-234-369-21	s	RES, NETWORK 10X4	(1005)
RB557	1-234-369-21	s	RES, NETWORK 10X4	(1005)
RB558	1-234-369-21	s	RES, NETWORK 10X4	(1005)
RB559	1-234-369-21	s	RES, NETWORK 10X4	(1005)
RB560	1-234-369-21	s	RES, NETWORK 10X4	(1005)
RB561	1-234-369-21	s	RES, NETWORK 10X4	(1005)
RB603	1-234-371-11	s	RES, NETWORK 47X4	(1005)
RB604	1-234-371-11	s	RES, NETWORK 47X4	(1005)
RB605	1-234-371-11	s	RES, NETWORK 47X4	(1005)
RB606	1-234-371-11	s	RES, NETWORK 47X4	(1005)
RB607	1-234-371-11	s	RES, NETWORK 47X4	(1005)
RB608	1-234-371-11	s	RES, NETWORK 47X4	(1005)
RB609	1-234-371-11	s	RES, NETWORK 47X4	(1005)
RB610	1-234-371-11	s	RES, NETWORK 47X4	(1005)
RB611	1-234-371-11	s	RES, NETWORK 47X4	(1005)
RB612	1-234-371-11	s	RES, NETWORK 47X4	(1005)
RB613	1-234-371-11	s	RES, NETWORK 47X4	(1005)
RB614	1-234-371-11	s	RES, NETWORK 47X4	(1005)
RB615	1-234-378-11	s	RES, NETWORK 10KX4	(1005)
RB616	1-234-378-11	s	RES, NETWORK 10KX4	(1005)
RB617	1-234-378-11	s	RES, NETWORK 10KX4	(1005)
RB618	1-234-378-11	s	RES, NETWORK 10KX4	(1005)
RB651	1-234-369-21	s	RES, NETWORK 10X4	(1005)
RB652	1-234-369-21	s	RES, NETWORK 10X4	(1005)
RB653	1-234-369-21	s	RES, NETWORK 10X4	(1005)
RB654	1-234-369-21	s	RES, NETWORK 10X4	(1005)
RB655	1-234-369-21	s	RES, NETWORK 10X4	(1005)
RB656	1-234-369-21	s	RES, NETWORK 10X4	(1005)
RB701	1-234-372-21	s	RES, NETWORK 100X4	(1005)
RB702	1-234-372-21	s	RES, NETWORK 100X4	(1005)
RB703	1-234-372-21	s	RES, NETWORK 100X4	(1005)
RB704	1-234-372-21	s	RES, NETWORK 100X4	(1005)
RB705	1-234-372-21	s	RES, NETWORK 100X4	(1005)
RB706	1-234-372-21	s	RES, NETWORK 100X4	(1005)
RB707	1-234-372-21	s	RES, NETWORK 100X4	(1005)
RB708	1-234-372-21	s	RES, NETWORK 100X4	(1005)
RB709	1-234-372-21	s	RES, NETWORK 100X4	(1005)
RB710	1-234-371-11	s	RES, NETWORK 47X4	(1005)
RB711	1-234-371-11	s	RES, NETWORK 47X4	(1005)
RB712	1-234-371-11	s	RES, NETWORK 47X4	(1005)
RB713	1-234-371-11	s	RES, NETWORK 47X4	(1005)
RB714	1-234-371-11	s	RES, NETWORK 47X4	(1005)
RB715	1-234-371-11	s	RES, NETWORK 47X4	(1005)
RB716	1-234-371-11	s	RES, NETWORK 47X4	(1005)
RB717	1-234-371-11	s	RES, NETWORK 47X4	(1005)
RB718	1-234-371-11	s	RES, NETWORK 47X4	(1005)
RB751	1-234-523-21	s	RESISTOR, CHIP NETWORK	
RB752	1-234-523-21	s	RESISTOR, CHIP NETWORK	
RB801	1-234-523-21	s	RESISTOR, CHIP NETWORK	
RB802	1-234-523-21	s	RESISTOR, CHIP NETWORK	
RB851	1-234-523-21	s	RESISTOR, CHIP NETWORK	
RB852	1-234-523-21	s	RESISTOR, CHIP NETWORK	
S701	1-771-337-21	s	SWITCH, SLIDE	
S981	1-771-337-21	s	SWITCH, SLIDE	
TH101	1-803-382-11	s	THERMISTOR	(1005)
TP101	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)	
TP102	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)	

[illegible]

## (C BOARD)

Ref. No. or Q'ty	Part No.	SP Description
TP754	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
TP755	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
TP801	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
TP802	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
TP851	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
TP852	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
TP951	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
X101	1-795-650-21	s VIBRATOR, CRYSTAL (16.384MHz)
X301	1-760-273-11	s VIBRATOR, CRYSTAL (20MHz)
X351	1-795-219-21	s VIBRATOR, CRYSTAL (24.576MHz)
X550	1-781-544-11	s VIBRATOR, CERAMIC (40MHz)
X651	1-795-650-21	s VIBRATOR, CRYSTAL (16.384MHz)
X932	1-781-994-21	s VIBRATOR, CRYSTAL (24MHz)

## F BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1401-531-A	s MOUNTED CIRCUIT BOARD, F
C501	Δ 1-107-533-11	s CAPACITOR FILM 1MF/250VAC
C502	Δ 1-165-530-31	s CAP, PETP FILM (ACROSS) 0.47MF
C503	Δ 1-113-912-11	s CAPACITOR, CERAMIC .0047MF/250V
C504	Δ 1-113-912-11	s CAPACITOR, CERAMIC .0047MF/250V
CN501	1-691-961-11	o PIN, CONNECTOR (PC BOARD) 2P
CN502	1-691-960-21	o PIN, CONNECTOR (PC BOARD) 3P
F501	Δ 1-576-233-11	s FUSE (H.B.C.) 6.3A/250V
FH501	1-533-223-11	s CLIP, FUSE
FH502	1-533-223-11	s CLIP, FUSE
L501	Δ 1-421-944-31	s TRANSFORMER, LINE FILTER
R501	Δ 1-202-847-00	s RESISTOR, SOLID 560K 1/2W
VD501	Δ 1-801-268-51	s VARISTOR ERZV14D471

## GA BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1300-751-A	s MOUNTED CIRCUIT BOARD, GA
1pc	4-034-094-01	s SHEET, INSULATE (PLA)
4pcs	7-682-649-09	s SCREW +PS 3X10 (EP-FE/ZNBK/CM2)
C402	1-117-228-11	s CAPACITOR, FILM 2.2MF/450V
C403	1-117-228-11	s CAPACITOR, FILM 2.2MF/450V
C404	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C405	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C406	1-131-992-11	s CAP, CERAMIC 100000PF F 1608
C407	1-107-910-11	s CAPACITOR, ELECT 100MF/50V
C408	1-115-416-11	s CAPACITOR, CERAMIC 1000PF/25V
C409	1-117-752-11	s CAPACITOR, ELECT 330MF/450V
C410	1-117-752-11	s CAPACITOR, ELECT 330MF/450V
C411	1-127-715-11	s CAPACITOR, CERAMIC 0.22MF B1608
C412	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C413	1-115-416-11	s CAPACITOR, CERAMIC 1000PF/25V
C414	1-101-821-00	s CAPACITOR, CERAMIC 0.002MF/500V
CN401	1-691-960-11	o PIN, CONNECTOR (PC BOARD) 3P
CN402	1-691-960-11	o PIN, CONNECTOR (PC BOARD) 3P
CN403	1-691-960-21	o PIN, CONNECTOR (PC BOARD) 3P
CN404	1-794-509-11	s PIN, CONNECTOR (PC BOARD) (3P)
D401	8-719-055-30	s DIODE D1FS4A-TA
D402	8-719-037-33	s DIODE RD16SB-T1
D403	Δ 6-500-406-01	s DIODE D10XB80
D404	8-719-073-01	s DIODE MA111-(K8).S0
D405	8-719-304-63	s DIODE RM11C (RECTI)
D406	8-719-079-02	s DIODE SF20L60U
D407	8-719-037-53	s DIODE RD27SB-T1
D408	8-719-073-52	s DIODE D2FS6-TA
D409	8-719-055-30	s DIODE D1FS4A-TA
D410	8-719-037-53	s DIODE RD27SB-T1
D411	8-719-055-30	s DIODE D1FS4A-TA
IC401	8-759-641-00	s IC MC33262DR2
L401	1-419-989-02	s COIL, CHOKE 2830UH
L402	1-456-173-11	s COIL, CHOKE
Q401	8-729-230-27	s TRANSISTOR 2SA1213Y-TE12L
Q402	8-729-230-49	s TRANSISTOR 2SC2712-YG
Q403	8-729-230-27	s TRANSISTOR 2SA1213Y-TE12L
Q404	8-729-230-49	s TRANSISTOR 2SC2712-YG
Q405	8-729-807-51	s TRANSISTOR 2SD1623-S
Q406	8-729-230-27	s TRANSISTOR 2SA1213Y-TE12L
Q407	6-550-366-01	s TRANSISTOR SPW47N60C3
R401	Δ 1-217-786-11	s RESISTOR, CEMENT 22/5W (FUSE)
R402	1-220-269-11	s RESISTOR, CHIP 330 1/2W (4532)
R403	1-220-269-11	s RESISTOR, CHIP 330 1/2W (4532)
R404	1-216-828-11	s RESISTOR, CHIP 3.9K 1/10W 1608
R405	1-216-829-11	s RESISTOR, CHIP 4.7K 1/10W (1608)
R406	1-216-841-11	s RESISTOR, CHIP 47K 1/10W 1608
R407	1-216-833-11	s RESISTOR, CHIP 10K 1/10W (1608)
R408	1-216-809-11	s RESISTOR, CHIP 100 1/10W 1608
R409	1-249-389-11	s RES, CARBON 4.7 1/4W
R410	1-216-833-11	s RESISTOR, CHIP 10K 1/10W (1608)
R411	1-216-833-11	s RESISTOR, CHIP 10K 1/10W (1608)
R412	1-216-833-11	s RESISTOR, CHIP 10K 1/10W (1608)
R413	1-216-833-11	s RESISTOR, CHIP 10K 1/10W (1608)
R414	1-218-899-11	s RESISTOR, CHIP 150K 1/10W (1608)
R415	1-218-899-11	s RESISTOR, CHIP 150K 1/10W (1608)

## (GA BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R416	1-218-899-11	s RESISTOR,CHIP 150K 1/10W(1608)
R417	1-218-902-11	s RESISTOR,CHIP 200K 1/10W(1608)
R418	1-218-902-11	s RESISTOR,CHIP 200K 1/10W(1608)
R419	1-218-903-11	s RESISTOR,CHIP 220K 1/10W(1608)
R420	1-218-903-11	s RESISTOR,CHIP 220K 1/10W(1608)
R421	1-218-877-11	s RESISTOR,CHIP 18K 1/10W (1608)
R422	1-249-393-11	s RES,CARBON 10 1/4W
R423	1-249-393-11	s RES,CARBON 10 1/4W
R424	1-216-833-11	s RESISTOR,CHIP 10K 1/10W (1608)
R425	1-219-738-11	s RES, 0.08 (RESISTOR, METAL)
R426	1-218-644-11	s RESISTOR,CHIP 10 1/16W
R428	1-218-644-11	s RESISTOR,CHIP 10 1/16W
R429	1-216-833-11	s RESISTOR,CHIP 10K 1/10W (1608)
R430	1-216-864-11	s CONDUCTOR, CHIP (1608)
R431	1-216-837-11	s RESISTOR,CHIP 22K 1/16W 1608
R432	1-216-809-11	s RESISTOR,CHIP 100 1/10W 1608
R433	1-216-846-11	s RESISTOR,CHIP 120K 1/16W (1608)
R434	1-216-846-11	s RESISTOR,CHIP 120K 1/16W (1608)
R435	1-216-846-11	s RESISTOR,CHIP 120K 1/16W (1608)
R436	1-216-846-11	s RESISTOR,CHIP 120K 1/16W (1608)
R437	1-218-904-11	s RESISTOR,CHIP 240K 1/10W(1608)
R438	1-218-904-11	s RESISTOR,CHIP 240K 1/10W(1608)
R439	1-218-903-11	s RESISTOR,CHIP 220K 1/10W(1608)
R440	1-218-903-11	s RESISTOR,CHIP 220K 1/10W(1608)
R441	1-218-903-11	s RESISTOR,CHIP 220K 1/10W(1608)
R442	1-218-907-11	s RESISTOR,CHIP 330K 1/10W(1608)
R443	1-218-871-11	s RESISTOR,CHIP 10K 1/10W (1608)
RY401	Δ 1-755-395-11	s RELAY (AC POWER)

## GB BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1300-752-A	s MOUNTED CIRCUIT BOARD, GB
5pcs	7-682-648-09	s SCREW +PS 3X8 (EP-FE/ZNBK/CM2)
C101	1-115-789-11	s CAPACITOR ELECT 1000MF/25V 105
C102	1-126-400-11	s CAPACITOR ELECT 22MF/35V(CHIP)
C103	1-107-911-11	s CAPACITOR,ELECT 220MF/50V
C104	1-115-789-11	s CAPACITOR ELECT 1000MF/25V 105
C105	1-126-396-11	s CAPACITOR,ELECT 47MF/16V(CHIP)
C106	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C107	1-126-396-11	s CAPACITOR,ELECT 47MF/16V(CHIP)
C108	1-137-980-91	s CAPACITOR,CHIP CERAMIC 0.47MF
C109	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C110	1-130-016-11	s CAPACITOR, PP FILM 680PF/50V
C111	1-130-495-00	s CAPACITOR FILM 0.1MF/50V PETP
C112	1-128-947-31	s CAPACITOR, ELECT 3300MF
C113	1-126-396-11	s CAPACITOR,ELECT 47MF/16V(CHIP)
C114	1-126-405-11	s CAPACITOR,ELECT 10MF/50V(CHIP)
C115	1-127-861-11	s CAPACITOR,CERAMIC 2.2MF
C116	1-115-733-91	s CAPACITOR,ELECT 470MF
C117	1-126-396-11	s CAPACITOR,ELECT 47MF/16V(CHIP)
C118	1-107-913-11	s CAPACITOR,ELECT 470MF/50V
C119	1-131-877-11	s CAP, METALIZED PP FILM
C120	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C121	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C122	1-115-830-11	s CAPACITOR ELECT 120MF
C123	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C124	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C125	1-126-396-11	s CAPACITOR,ELECT 47MF/16V(CHIP)
C126	1-109-994-11	s CAPACITOR,CHIP CERAMIC 2.2MF B
C127	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C128	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C129	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C202	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C203	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C210	1-135-342-11	s CAPACITOR,SOLID ELECT 56MF
C212	1-131-998-11	s CAP, SOLID ELECT 82MF 6.3 V
C213	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C214	1-165-872-11	s CAPACITOR,SOLID ELECT 47MF
C215	1-117-370-11	s CAPASITER CERAMIC 10MF (3216)
C219	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C301	1-131-992-11	s CAP, CERAMIC 100000PF F 1608
C302	1-126-396-11	s CAPACITOR,ELECT 47MF/16V(CHIP)
C303	1-131-992-11	s CAP, CERAMIC 100000PF F 1608
C304	1-126-396-11	s CAPACITOR,ELECT 47MF/16V(CHIP)
C305	1-164-506-11	s CAPACITOR,CERAMIC 4.7MF/16V
C306	1-137-980-91	s CAPACITOR,CHIP CERAMIC 0.47MF
C307	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C308	1-126-396-11	s CAPACITOR,ELECT 47MF/16V(CHIP)
C309	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C310	1-100-117-12	s CAPACITOR,DOUBLE LAYER 1.0F
C311	1-100-117-12	s CAPACITOR,DOUBLE LAYER 1.0F
C312	1-131-992-11	s CAP, CERAMIC 100000PF F 1608
C313	1-126-396-11	s CAPACITOR,ELECT 47MF/16V(CHIP)
C314	1-131-992-11	s CAP, CERAMIC 100000PF F 1608
C315	1-126-396-11	s CAPACITOR,ELECT 47MF/16V(CHIP)
C316	1-115-339-11	s CAPACITOR,CERAMIC 0.1MF/50V
C317	1-115-339-11	s CAPACITOR,CERAMIC 0.1MF/50V
CN101	1-691-960-21	o PIN, CONNECTOR (PC BOARD) 3P
CN102	1-770-468-21	o PIN, CONNECTOR (PC BOARD) 10P

## (GB BOARD)

Ref. No. or Q'ty	Part No.	SP Description	
CN104	1-794-509-11	s PIN, CONNECTOR (PC BOARD) (3P)	
CN301	1-794-509-11	s PIN, CONNECTOR (PC BOARD) (3P)	
CN302	1-573-806-21	s PIN, CONNECTOR (6P) (SMD) (1.5MM)	
CN303	1-691-550-11	s PIN, CONNECTOR (3P) (SMD) (1.5MM)	
D101	8-719-073-01	s DIODE MA111-(K8).S0	
D102	8-719-510-09	s DIODE D10SC6M	(RECTI)
D103	8-719-073-01	s DIODE MA111-(K8).S0	
D104	8-719-037-37	s DIODE RD18SB-T1	
D105	8-719-073-52	s DIODE D2FS6-TA	
D106	8-719-510-12	s DIODE D10SC4M	
D107	8-719-510-12	s DIODE D10SC4M	
D108	8-719-073-01	s DIODE MA111-(K8).S0	
D109	8-719-979-64	s DIODE UF4005PKG23	
D110	8-719-055-30	s DIODE D1FS4A-TA	
D111	8-719-055-30	s DIODE D1FS4A-TA	
D112	8-719-037-54	s DIODE RD30SB-T1	
D113	8-719-073-01	s DIODE MA111-(K8).S0	
D114	8-719-055-30	s DIODE D1FS4A-TA	
D115	8-719-055-30	s DIODE D1FS4A-TA	
D116	8-719-037-57	s DIODE RD39SB-T1	
D204	8-719-073-01	s DIODE MA111-(K8).S0	
D205	8-719-914-44	s DIODE DAP202K	(DUAL)
D206	8-719-914-44	s DIODE DAP202K	(DUAL)
D207	8-719-078-04	s DIODE EC31QS03L-TE12L	
D301	8-719-073-01	s DIODE MA111-(K8).S0	
D302	8-719-073-01	s DIODE MA111-(K8).S0	
D303	8-719-055-30	s DIODE D1FS4A-TA	
D304	8-719-073-01	s DIODE MA111-(K8).S0	
D305	8-719-055-30	s DIODE D1FS4A-TA	
D306	8-719-055-30	s DIODE D1FS4A-TA	
D307	8-719-055-30	s DIODE D1FS4A-TA	
D308	8-719-055-30	s DIODE D1FS4A-TA	
D309	8-719-055-30	s DIODE D1FS4A-TA	
D310	8-719-055-30	s DIODE D1FS4A-TA	
D311	8-719-914-43	s DIODE DAN202K	
D312	8-719-914-43	s DIODE DAN202K	
D313	8-719-073-01	s DIODE MA111-(K8).S0	
D314	8-719-055-30	s DIODE D1FS4A-TA	
D315	8-719-914-43	s DIODE DAN202K	
D316	8-719-055-30	s DIODE D1FS4A-TA	
D317	8-719-073-01	s DIODE MA111-(K8).S0	
D318	8-719-054-58	s DIODE D1F20-TL	
IC101	8-759-231-53	s IC TA7805S	
IC102	8-759-670-30	s IC MCZ3001D	
IC103	8-759-100-93	s IC UPC393G2	
IC104	8-759-324-03	s IC HA17431UA(TL)	
IC201	8-759-485-63	s IC MAX162ESA-TE2	
IC204	8-759-100-93	s IC UPC393G2	
IC301	8-759-592-79	s IC BA00AST	
IC302	8-759-643-48	s IC BA00ASFP-E2	
IC303	8-759-388-31	s IC PQ20VZ1U	
IC304	8-759-144-72	s IC UPC358G2-E2	
IC305	8-759-592-79	s IC BA00AST	
IC306	8-759-144-72	s IC UPC358G2-E2	
IC307	8-759-643-48	s IC BA00ASFP-E2	
L101	1-416-948-21	s COIL, CHOKE (SMD)	
L102	1-416-948-21	s COIL, CHOKE (SMD)	

## (GB BOARD)

Ref. No. or Q'ty	Part No.	SP Description	
L103	1-416-948-21	s COIL, CHOKE (SMD)	
L104	1-409-529-41	s COIL, CHOKE 10UH	
L201	1-409-527-41	s COIL, CHOKE 4.7UH	
L202	1-416-949-21	s COIL, CHOKE (SMD)	
L203	1-409-527-41	s COIL, CHOKE 4.7UH	
PH101	8-749-016-82	s PHOTO COUPLER PC123GY2	
PH102	8-749-016-82	s PHOTO COUPLER PC123GY2	
Q101	8-729-049-51	s TRANSISTOR 2SK2876-01MR-F119	
Q102	8-729-049-51	s TRANSISTOR 2SK2876-01MR-F119	
Q103	8-729-230-49	s TRANSISTOR 2SC2712-YG	
Q104	8-729-216-22	s TRANSISTOR 2SA1162-G	
Q105	8-729-048-69	s TRANSISTOR 2SJ530S-TL	
Q106	8-729-052-99	s TRANSISTOR RK3055E-TL	
Q107	8-729-928-81	s TRANSISTOR DTC144EE	
Q108	8-729-048-69	s TRANSISTOR 2SJ530S-TL	
Q109	8-729-048-69	s TRANSISTOR 2SJ530S-TL	
Q110	8-729-928-27	s TRANSISTOR DTA144EE	
Q205	8-729-047-32	s TRANSISTOR SI4425DY-T1	
Q207	1-801-806-11	s TRANSISTOR DTC144EKA	
Q208	8-729-928-27	s TRANSISTOR DTA144EE	
Q301	1-801-806-11	s TRANSISTOR DTC144EKA	
Q302	1-801-806-11	s TRANSISTOR DTC144EKA	
Q303	8-729-048-69	s TRANSISTOR 2SJ530S-TL	
R101	1-216-841-11	s RESISTOR, CHIP 47K 1/10W 1608	
R102	1-216-841-11	s RESISTOR, CHIP 47K 1/10W 1608	
R103	1-216-837-11	s RESISTOR, CHIP 22K 1/16W 1608	
R104	1-216-841-11	s RESISTOR, CHIP 47K 1/10W 1608	
R105	1-202-933-61	s RESISTOR, FUSE 0.1 1/2W	
R106	1-216-841-11	s RESISTOR, CHIP 47K 1/10W 1608	
R107	1-220-338-11	s RESISTOR, CHIP 330K 1/2W (4532)	
R108	1-220-338-11	s RESISTOR, CHIP 330K 1/2W (4532)	
R109	1-220-338-11	s RESISTOR, CHIP 330K 1/2W (4532)	
R110	1-216-837-11	s RESISTOR, CHIP 22K 1/16W 1608	
R111	1-218-877-11	s RESISTOR, CHIP 18K 1/10W (1608)	
R112	1-249-417-11	s RESISTOR, CARBON 1K 1/4W (SMALL)	
R113	1-218-877-11	s RESISTOR, CHIP 18K 1/10W (1608)	
R114	1-218-837-11	s RESISTOR, CHIP 390 1/10W (1608)	
R115	1-216-797-11	s RESISTOR, CHIP 10 1/10W 1608	
R116	1-218-878-11	s RESISTOR, CHIP 20K 1/10W (1608)	
R117	1-216-833-11	s RESISTOR, CHIP 10K 1/10W (1608)	
R118	1-216-841-11	s RESISTOR, CHIP 47K 1/10W 1608	
R119	1-216-827-11	s RESISTOR, CHIP 3.3K 1/10W 1608	
R120	1-216-797-11	s RESISTOR, CHIP 10 1/10W 1608	
R121	1-249-389-11	s RES, CARBON 4.7 1/4W	
R122	1-216-833-11	s RESISTOR, CHIP 10K 1/10W (1608)	
R123	1-216-833-11	s RESISTOR, CHIP 10K 1/10W (1608)	
R124	1-216-833-11	s RESISTOR, CHIP 10K 1/10W (1608)	
R125	1-216-821-11	s RESISTOR, CHIP 1.0K 1/10W (1608)	
R126	1-216-809-11	s RESISTOR, CHIP 100 1/10W 1608	
R127	1-216-815-11	s RESISTOR, CHIP 330 1/10W 1608	
R128	1-245-259-21	s RESISTOR, METAL FILM CHIP 0.22	
R129	1-245-259-21	s RESISTOR, METAL FILM CHIP 0.22	
R130	1-216-821-11	s RESISTOR, CHIP 1.0K 1/10W (1608)	
R131	1-216-827-11	s RESISTOR, CHIP 3.3K 1/10W 1608	
R132	1-218-863-11	s RESISTOR, CHIP 4.7K 1/10W (1608)	
R133	1-216-825-11	s RESISTOR, CHIP 2.2K 1/10W 1608	
R134	1-216-821-11	s RESISTOR, CHIP 1.0K 1/10W (1608)	
R135	1-218-855-11	s RESISTOR, CHIP 2.2K 1/10W (1608)	

## (GB BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R136	1-216-833-11	s RESISTOR,CHIP 10K 1/10W (1608)
R137	1-216-827-11	s RESISTOR, CHIP 3.3K 1/10W 1608
R138	1-216-833-11	s RESISTOR,CHIP 10K 1/10W (1608)
R139	1-216-833-11	s RESISTOR,CHIP 10K 1/10W (1608)
R140	1-218-878-11	s RESISTOR,CHIP 20K 1/10W (1608)
R141	1-216-833-11	s RESISTOR,CHIP 10K 1/10W (1608)
R142	1-218-845-11	s RESISTOR,CHIP 820 1/10W (1608)
R143	1-216-833-11	s RESISTOR,CHIP 10K 1/10W (1608)
R144	1-216-833-11	s RESISTOR,CHIP 10K 1/10W (1608)
R145	1-216-833-11	s RESISTOR,CHIP 10K 1/10W (1608)
R146	1-216-845-11	s RESISTOR,CHIP 100K 1/10W(1608)
R147	1-218-863-11	s RESISTOR,CHIP 4.7K 1/10W(1608)
R148	1-216-833-11	s RESISTOR,CHIP 10K 1/10W (1608)
R149	1-216-821-11	s RESISTOR,CHIP 1.0K 1/10W(1608)
R150	1-216-821-11	s RESISTOR,CHIP 1.0K 1/10W(1608)
R232	1-216-833-11	s RESISTOR,CHIP 10K 1/10W (1608)
R233	1-216-833-11	s RESISTOR,CHIP 10K 1/10W (1608)
R235	1-216-833-11	s RESISTOR,CHIP 10K 1/10W (1608)
R236	1-216-833-11	s RESISTOR,CHIP 10K 1/10W (1608)
R237	1-216-821-11	s RESISTOR,CHIP 1.0K 1/10W(1608)
R238	1-216-841-11	s RESISTOR, CHIP 47K 1/10W 1608
R239	1-216-839-11	s RESISTOR,CHIP 33K 1/10W 1608
R240	1-216-821-11	s RESISTOR,CHIP 1.0K 1/10W(1608)
R241	1-216-837-11	s RESISTOR,CHIP 22K 1/16W 1608
R242	1-216-821-11	s RESISTOR,CHIP 1.0K 1/10W(1608)
R244	1-216-833-11	s RESISTOR,CHIP 10K 1/10W (1608)
R245	1-219-611-21	s RESISTOR, CHIP 0.047 1W
R301	1-216-833-11	s RESISTOR,CHIP 10K 1/10W (1608)
R302	1-216-839-11	s RESISTOR,CHIP 33K 1/10W 1608
R303	1-218-883-11	s RESISTOR,CHIP 33K 1/10W (1608)
R304	1-218-853-11	s RESISTOR,CHIP 1.8K 1/10W(1608)
R305	1-218-863-11	s RESISTOR,CHIP 4.7K 1/10W(1608)
R306	1-218-871-11	s RESISTOR,CHIP 10K 1/10W (1608)
R307	1-216-833-11	s RESISTOR,CHIP 10K 1/10W (1608)
R308	1-216-839-11	s RESISTOR,CHIP 33K 1/10W 1608
R309	1-218-881-11	s RESISTOR, CHIP 27K 1/10W(1608)
R310	1-218-853-11	s RESISTOR,CHIP 1.8K 1/10W(1608)
R311	1-218-863-11	s RESISTOR,CHIP 4.7K 1/10W(1608)
R312	1-218-873-11	s RESISTOR,CHIP 12K 1/10W (1608)
R313	1-216-809-11	s RESISTOR,CHIP 100 1/10W 1608
R314	1-216-833-11	s RESISTOR,CHIP 10K 1/10W (1608)
R315	1-216-851-11	s RESISTOR,CHIP 330K 1/16W 1608
R317	1-216-851-11	s RESISTOR,CHIP 330K 1/16W 1608
R318	1-216-833-11	s RESISTOR,CHIP 10K 1/10W (1608)
R319	1-216-829-11	s RESISTOR,CHIP 4.7K 1/10W(1608)
R320	1-218-883-11	s RESISTOR,CHIP 33K 1/10W (1608)
R321	1-218-863-11	s RESISTOR,CHIP 4.7K 1/10W(1608)
R322	1-215-864-00	s RESISTOR,METAL FILM 150 1W
R323	1-215-864-00	s RESISTOR,METAL FILM 150 1W
R324	1-216-833-11	s RESISTOR,CHIP 10K 1/10W (1608)
R325	1-216-829-11	s RESISTOR,CHIP 4.7K 1/10W(1608)
R326	1-216-837-11	s RESISTOR,CHIP 22K 1/16W 1608
R327	1-216-837-11	s RESISTOR,CHIP 22K 1/16W 1608
R328	1-216-837-11	s RESISTOR,CHIP 22K 1/16W 1608
R329	1-216-837-11	s RESISTOR,CHIP 22K 1/16W 1608
R330	1-216-833-11	s RESISTOR,CHIP 10K 1/10W (1608)
R331	1-216-839-11	s RESISTOR,CHIP 33K 1/10W 1608
R332	1-218-885-11	s RESISTOR,CHIP 39K 1/10W (1608)
R333	1-218-847-11	s RESISTOR, CHIP 1K 1/10W (1608)

## (GB BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R334	1-218-863-11	s RESISTOR,CHIP 4.7K 1/10W(1608)
R335	1-218-871-11	s RESISTOR,CHIP 10K 1/10W (1608)
R336	1-216-851-11	s RESISTOR,CHIP 330K 1/16W 1608
R337	1-216-837-11	s RESISTOR,CHIP 22K 1/16W 1608
R339	1-216-833-11	s RESISTOR,CHIP 10K 1/10W (1608)
R340	1-216-839-11	s RESISTOR,CHIP 33K 1/10W 1608
R341	1-218-885-11	s RESISTOR,CHIP 39K 1/10W (1608)
R342	1-218-851-11	s RESISTOR,CHIP 1.5K 1/10W(1608)
R343	1-218-863-11	s RESISTOR,CHIP 4.7K 1/10W(1608)
R344	1-218-877-11	s RESISTOR,CHIP 18K 1/10W (1608)
R345	1-216-864-11	s CONDUCTOR, CHIP (1608)
T101	1-437-301-11	s TRANSFORMER, CONVERTER (PIT)
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NR BOARD		
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Ref. No. or Q'ty	Part No.	SP Description
lpc	A-1401-534-A	s MOUNTED CIRCUIT BOARD, NR
C1052	1-115-156-11	s CAPACITOR,CERAMIC 1MF/10V(1608)
CN1052	1-770-620-21	s PIN, CONNECTOR 3P
IC1052	8-749-012-17	s IC RS-140-T
R1053	1-218-937-11	s RESISTOR, CHIP 47
R1054	1-218-941-11	s RESISTOR,CHIP 100 1/16W (1005)

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Q BOARD  
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Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1300-753-A	s MOUNTED CIRCUIT BOARD, Q
C100	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C101	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C102	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C103	1-110-666-11	s CAPACITOR, ELECT 22MF/6.3V (BP)
C104	1-110-666-11	s CAPACITOR, ELECT 22MF/6.3V (BP)
C106	1-110-666-11	s CAPACITOR, ELECT 22MF/6.3V (BP)
C108	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C120	1-113-701-21	s CAPACITOR, ELECT 22MF/16V (NP)
C121	1-113-701-21	s CAPACITOR, ELECT 22MF/16V (NP)
C122	1-113-701-21	s CAPACITOR, ELECT 22MF/16V (NP)
C123	1-113-701-21	s CAPACITOR, ELECT 22MF/16V (NP)
C124	1-115-566-11	s CAPACITOR, CERAMIC 4.7MF B/6.3V
C125	1-115-566-11	s CAPACITOR, CERAMIC 4.7MF B/6.3V
C126	1-115-566-11	s CAPACITOR, CERAMIC 4.7MF B/6.3V
C127	1-115-566-11	s CAPACITOR, CERAMIC 4.7MF B/6.3V
C128	1-115-156-11	s CAPACITOR, CERAMIC 1MF/10V(1608
C129	1-115-156-11	s CAPACITOR, CERAMIC 1MF/10V(1608
C150	1-165-875-11	s CAPACITOR, CHIP CERAMIC 10MF B
C151	1-165-875-11	s CAPACITOR, CHIP CERAMIC 10MF B
C152	1-165-875-11	s CAPACITOR, CHIP CERAMIC 10MF B
C153	1-165-875-11	s CAPACITOR, CHIP CERAMIC 10MF B
C154	1-165-875-11	s CAPACITOR, CHIP CERAMIC 10MF B
C155	1-165-875-11	s CAPACITOR, CHIP CERAMIC 10MF B
C200	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C201	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C202	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C203	1-110-666-11	s CAPACITOR, ELECT 22MF/6.3V (BP)
C204	1-110-666-11	s CAPACITOR, ELECT 22MF/6.3V (BP)
C206	1-110-666-11	s CAPACITOR, ELECT 22MF/6.3V (BP)
C208	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C210	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C211	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C212	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C213	1-110-666-11	s CAPACITOR, ELECT 22MF/6.3V (BP)
C214	1-110-666-11	s CAPACITOR, ELECT 22MF/6.3V (BP)
C215	1-110-666-11	s CAPACITOR, ELECT 22MF/6.3V (BP)
C315	1-128-004-11	s CAPACITOR ELECT 10MF/16V(CHIP)
C316	1-128-453-21	s CAPACITOR, ELECT 47MF
C317	1-128-399-11	s CAPACITOR ELECT 330MF/16V(CHIP)
C318	1-115-156-11	s CAPACITOR, CERAMIC 1MF/10V(1608
C319	1-115-156-11	s CAPACITOR, CERAMIC 1MF/10V(1608
C320	1-162-905-11	s CAPACITOR, CERAMIC 1PF/50V (CK)
C321	1-128-453-21	s CAPACITOR, ELECT 47MF
C322	1-128-399-11	s CAPACITOR ELECT 330MF/16V(CHIP)
C323	1-115-156-11	s CAPACITOR, CERAMIC 1MF/10V(1608
C324	1-115-156-11	s CAPACITOR, CERAMIC 1MF/10V(1608
C325	1-162-905-11	s CAPACITOR, CERAMIC 1PF/50V (CK)
C326	1-128-453-21	s CAPACITOR, ELECT 47MF
C327	1-128-399-11	s CAPACITOR ELECT 330MF/16V(CHIP)
C328	1-115-156-11	s CAPACITOR, CERAMIC 1MF/10V(1608
C329	1-115-156-11	s CAPACITOR, CERAMIC 1MF/10V(1608
C330	1-162-905-11	s CAPACITOR, CERAMIC 1PF/50V (CK)
C331	1-128-004-11	s CAPACITOR ELECT 10MF/16V(CHIP)
C332	1-128-004-11	s CAPACITOR ELECT 10MF/16V(CHIP)
C333	1-126-205-11	s CAPACITOR, ELECT 47M/6.3
C334	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C402	1-126-209-11	s CAPACITOR, ELECT 100MF/4V

(Q BOARD)

Ref. No. or Q'ty	Part No.	SP Description
C403	1-126-209-11	s CAPACITOR, ELECT 100MF/4V
C404	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C405	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C406	1-164-505-11	s CAPACITOR, CHIP CERAMIC 2.2MF
C407	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C408	1-164-505-11	s CAPACITOR, CHIP CERAMIC 2.2MF
C409	1-126-209-11	s CAPACITOR, ELECT 100MF/4V
C410	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C411	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C412	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C413	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C414	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C415	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C416	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C417	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C418	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C419	1-164-505-11	s CAPACITOR, CHIP CERAMIC 2.2MF
C420	1-126-209-11	s CAPACITOR, ELECT 100MF/4V
C421	1-115-156-11	s CAPACITOR, CERAMIC 1MF/10V(1608
C422	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C423	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C424	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C425	1-164-505-11	s CAPACITOR, CHIP CERAMIC 2.2MF
C426	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C428	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C437	1-127-715-11	s CAPACITOR, CERAMIC 0.22MF B1608
C438	1-127-715-11	s CAPACITOR, CERAMIC 0.22MF B1608
C439	1-127-715-11	s CAPACITOR, CERAMIC 0.22MF B1608
C440	1-127-715-11	s CAPACITOR, CERAMIC 0.22MF B1608
C500	1-164-315-11	s CAPACITOR, CERAMIC 470PF/50V CH
C503	1-125-889-11	s CAPACITOR, C.CERAMIC 2.2MF
C504	1-125-889-11	s CAPACITOR, C.CERAMIC 2.2MF
C506	1-128-004-11	s CAPACITOR ELECT 10MF/16V(CHIP)
C508	1-162-964-11	s CAPACITOR, CERAMIC 1000PF/50V B
C509	1-162-964-11	s CAPACITOR, CERAMIC 1000PF/50V B
C510	1-162-964-11	s CAPACITOR, CERAMIC 1000PF/50V B
C511	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C512	1-162-964-11	s CAPACITOR, CERAMIC 1000PF/50V B
C513	1-162-964-11	s CAPACITOR, CERAMIC 1000PF/50V B
C514	1-162-964-11	s CAPACITOR, CERAMIC 1000PF/50V B
C515	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C516	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C517	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C518	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C519	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C530	1-115-156-11	s CAPACITOR, CERAMIC 1MF/10V(1608
C601	1-107-826-11	s CAPACITOR CHIP CERAMIC 0.1MF
C602	1-107-826-11	s CAPACITOR CHIP CERAMIC 0.1MF
C603	1-107-826-11	s CAPACITOR CHIP CERAMIC 0.1MF
C604	1-107-826-11	s CAPACITOR CHIP CERAMIC 0.1MF
C605	1-107-826-11	s CAPACITOR CHIP CERAMIC 0.1MF
C606	1-107-826-11	s CAPACITOR CHIP CERAMIC 0.1MF
C607	1-107-826-11	s CAPACITOR CHIP CERAMIC 0.1MF
C608	1-107-826-11	s CAPACITOR CHIP CERAMIC 0.1MF
C609	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C610	1-126-395-11	s CAPACITOR, ELECT 22MF/16V(CHIP)
C611	1-109-982-11	s CAPACITOR, CHIP CERAMIC 1MF/10V
C612	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C613	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F

## (Q BOARD)

Ref. No. or Q'ty	Part No.	SP Description
C614	1-126-395-11	s CAPACITOR, ELECT 22MF/16V(CHIP)
C615	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C616	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C617	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C618	1-109-982-11	s CAPACITOR, CHIP CERAMIC 1MF/10V
C619	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C625	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C626	1-126-395-11	s CAPACITOR, ELECT 22MF/16V(CHIP)
C627	1-126-395-11	s CAPACITOR, ELECT 22MF/16V(CHIP)
C628	1-126-603-11	s CAPACITOR, ELECT 4.7MF/35V
C629	1-126-603-11	s CAPACITOR, ELECT 4.7MF/35V
C630	1-128-004-11	s CAPACITOR ELECT 10MF/16V(CHIP)
C701	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C702	1-115-156-11	s CAPACITOR, CERAMIC 1MF/10V(1608
C703	1-115-156-11	s CAPACITOR, CERAMIC 1MF/10V(1608
C704	1-115-156-11	s CAPACITOR, CERAMIC 1MF/10V(1608
C711	1-126-205-11	s CAPACITOR, ELECT 47M/6.3
C800	1-128-995-11	s CAPACITOR ELECT 100MF / 10 V
C801	1-128-934-11	s CAPCITOR CHIP CERAMIC 0.33MF
C802	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C803	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C804	1-128-995-11	s CAPACITOR ELECT 100MF / 10 V
C805	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C806	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C807	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C808	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C809	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C810	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C811	1-104-570-11	s CAPCITOR, CERAMIC 1000PF/2KVDC
C812	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C813	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C900	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C901	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C902	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C903	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C904	1-162-927-11	s CAPACITOR, CERAMIC 100PF/50V CH
C905	1-162-910-11	s CAPACITOR, CERAMIC 5PF/50V 1608
C906	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C907	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C908	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C910	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C911	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C912	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
CN100	1-694-811-11	s TERMINAL BOARD ASSY, INPUT/OUT (INPUT-A)
CN200	1-694-811-11	s TERMINAL BOARD ASSY, INPUT/OUT (INPUT-B)
CN301	1-694-811-11	s TERMINAL BOARD ASSY, INPUT/OUT (MONITOR OUT)
CN401	1-817-104-11	s CONNECTOR, DVI(INPUT-C)
CN402	1-770-449-21	o CONNECTOR, BOARD TO BOARD 70P
CN502	1-537-797-12	s TERMINAL BOARD ASSY, I/O (RS-232C)
CN701	1-770-449-21	o CONNECTOR, BOARD TO BOARD 70P
CN702	1-770-449-21	o CONNECTOR, BOARD TO BOARD 70P
CN801	1-815-157-11	o JACK, MODULAR
D100	8-719-073-11	s DIODE BZA456A
D102	8-719-059-53	s DIODE MA3J14700LSO
D103	8-719-059-53	s DIODE MA3J14700LSO

## (Q BOARD)

Ref. No. or Q'ty	Part No.	SP Description
D104	8-719-059-53	s DIODE MA3J14700LSO
D105	8-719-073-01	s DIODE MA111-(K8).S0
D106	8-719-073-01	s DIODE MA111-(K8).S0
D120	8-719-059-53	s DIODE MA3J14700LSO
D121	8-719-059-53	s DIODE MA3J14700LSO
D122	8-719-059-53	s DIODE MA3J14700LSO
D123	8-719-059-53	s DIODE MA3J14700LSO
D125	8-719-158-37	s DIODE RD9.1SB2
D126	8-719-158-37	s DIODE RD9.1SB2
D200	8-719-073-11	s DIODE BZA456A
D202	8-719-059-53	s DIODE MA3J14700LSO
D203	8-719-059-53	s DIODE MA3J14700LSO
D204	8-719-059-53	s DIODE MA3J14700LSO
D205	8-719-059-53	s DIODE MA3J14700LSO
D206	8-719-059-53	s DIODE MA3J14700LSO
D207	8-719-059-53	s DIODE MA3J14700LSO
D208	8-719-073-01	s DIODE MA111-(K8).S0
D209	8-719-073-01	s DIODE MA111-(K8).S0
D212	8-719-036-80	s DIODE RD3.9SB
D215	8-719-036-80	s DIODE RD3.9SB
D216	8-719-036-80	s DIODE RD3.9SB
D303	8-719-059-53	s DIODE MA3J14700LSO
D304	8-719-059-53	s DIODE MA3J14700LSO
D305	8-719-059-53	s DIODE MA3J14700LSO
D306	8-719-059-53	s DIODE MA3J14700LSO
D307	8-719-059-53	s DIODE MA3J14700LSO
D401	8-719-024-77	s DIODE HN1D03FU-TE85L
D402	8-719-024-77	s DIODE HN1D03FU-TE85L
D403	8-719-024-77	s DIODE HN1D03FU-TE85L
D404	8-719-073-01	s DIODE MA111-(K8).S0
D405	8-719-073-01	s DIODE MA111-(K8).S0
D406	8-719-036-94	s DIODE RD5.6SB-T1
D407	8-719-024-77	s DIODE HN1D03FU-TE85L
D408	8-719-024-77	s DIODE HN1D03FU-TE85L
D500	8-719-158-37	s DIODE RD9.1SB2
D501	8-719-941-09	s DIODE DAP202U
D502	8-719-941-86	s DIODE DAN202U
D503	8-719-037-53	s DIODE RD27SB-T1
D504	8-719-037-53	s DIODE RD27SB-T1
D505	8-719-059-53	s DIODE MA3J14700LSO
D506	8-719-037-53	s DIODE RD27SB-T1
D507	8-719-059-53	s DIODE MA3J14700LSO
D508	8-719-037-53	s DIODE RD27SB-T1
D509	8-719-037-53	s DIODE RD27SB-T1
D510	8-719-059-53	s DIODE MA3J14700LSO
D511	8-719-037-53	s DIODE RD27SB-T1
D531	8-719-036-80	s DIODE RD3.9SB
D532	8-719-036-80	s DIODE RD3.9SB
D540	8-719-024-77	s DIODE HN1D03FU-TE85L
D601	8-719-158-37	s DIODE RD9.1SB2
D602	8-719-158-37	s DIODE RD9.1SB2
D603	8-719-158-37	s DIODE RD9.1SB2
D604	8-719-158-37	s DIODE RD9.1SB2
D605	8-719-158-37	s DIODE RD9.1SB2
D606	8-719-158-37	s DIODE RD9.1SB2
D607	8-719-158-37	s DIODE RD9.1SB2
D608	8-719-158-37	s DIODE RD9.1SB2
D609	8-719-158-37	s DIODE RD9.1SB2
D610	8-719-158-37	s DIODE RD9.1SB2



## (Q BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
D611	8-719-036-76	s	DIODE RD3.3SE2-T1
D612	8-719-941-86	s	DIODE DAN202U
D613	8-719-941-86	s	DIODE DAN202U
D614	8-719-941-86	s	DIODE DAN202U
FB100	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB101	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB200	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB201	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB202	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB401	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB402	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB405	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB520	1-469-185-11	s	INDUCTOR, FERRITE BEAD
FB521	1-469-185-11	s	INDUCTOR, FERRITE BEAD
FB522	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB523	1-414-921-11	s	INDUCTOR, FERRITE BEAD
IC100	8-759-661-55	s	IC ST24FC21M6TR
IC101	8-759-011-64	s	IC MC74HC4052F
IC102	8-759-422-82	s	IC HA4314BCB-E2
IC103	8-759-422-82	s	IC HA4314BCB-E2
IC104	8-759-422-82	s	IC HA4314BCB-E2
IC200	8-759-661-55	s	IC ST24FC21M6TR
IC301	8-759-542-11	s	IC MAX4223ESA-TG06
IC302	8-759-542-11	s	IC MAX4223ESA-TG06
IC303	8-759-542-11	s	IC MAX4223ESA-TG06
IC304	8-759-090-19	s	IC SN75453BPS
IC401	8-759-672-79	s	IC M24C02-WMN6T(A)
IC402	6-703-143-01	s	IC SII161B
IC406	8-759-593-23	s	IC S-80928ANMP-DDR-T2
IC500	8-759-285-61	s	IC PC74HC123D-T
IC502	8-759-252-59	s	IC MAX202CSE
IC601	8-759-352-94	s	IC TDA7309D013TR
IC602	8-759-983-69	s	IC LM358PS
IC603	8-759-525-25	s	IC BU4052BCF-E2
IC701	8-759-011-64	s	IC MC74HC4052F
IC702	8-759-671-94	s	IC MC74HC4053AFEL
IC703	8-759-671-94	s	IC MC74HC4053AFEL
IC710	6-600-108-01	s	IC RPM7140
IC800	8-759-460-72	s	IC BA033FP
IC801	6-703-790-01	s	IC 78Q2120-64CGT/LF
IC900	8-759-663-06	s	IC S-93C46AFT-TB
IC901	6-701-841-01	s	IC PST3628UL
IC902	6-802-267-01	s	IC S1S60000
J200	1-778-665-11	s	CONNECTOR, BNC (RECEPTACLE) (INPUT-D)
J203	1-563-935-11	s	JACK (DIA 3.5) (BLK) (AUDIO OUT)
J204	1-563-935-11	s	JACK (DIA 3.5) (BLK) (INPUT D AUDIO)
J205	1-563-935-11	s	JACK (DIA 3.5) (BLK) (INPUT B/C AUDIO)
J206	1-563-935-11	s	JACK (DIA 3.5) (BLK) (INPUT A AUDIO)
J209	1-770-361-11	s	TERMINAL BLOCK, S
J500	1-563-935-11	s	JACK (DIA 3.5) (BLK) (CONTROL S IN)
J514	1-816-227-11	s	CONNECTOR, USB (B)
L300	1-414-771-91	s	INDUCTOR 10.0UH
L301	1-414-771-91	s	INDUCTOR 10.0UH

## (Q BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
L302	1-414-771-91	s	INDUCTOR 10.0UH
L401	1-414-771-91	s	INDUCTOR 10.0UH
L500	1-412-363-11	s	FERRITE, EMI (SMD)
L501	1-412-363-11	s	FERRITE, EMI (SMD)
L502	1-412-363-11	s	FERRITE, EMI (SMD)
L503	1-414-771-91	s	INDUCTOR 10.0UH
L601	1-412-028-11	s	INDUCTOR,CHIP 4.7UH (3225)
Q402	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q404	6-550-014-01	s	TRANSISTOR SSM6N15FU (TE85R)
Q500	8-729-026-49	s	TRANSISTOR 2SA1037AK-T146-R
Q501	8-729-026-49	s	TRANSISTOR 2SA1037AK-T146-R
Q502	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q503	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q504	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q601	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q602	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q603	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q604	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q605	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
R100	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R101	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R102	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R103	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R104	1-216-805-11	s	RESISTOR,CHIP 47 1/10W 1608
R105	1-216-805-11	s	RESISTOR,CHIP 47 1/10W 1608
R106	1-216-813-11	s	RESISTOR, CHIP 220 1/10W 1608
R107	1-218-827-11	s	RESISTOR,CHIP 150 1/10W (1608)
R108	1-218-827-11	s	RESISTOR,CHIP 150 1/10W (1608)
R109	1-218-827-11	s	RESISTOR,CHIP 150 1/10W (1608)
R110	1-218-827-11	s	RESISTOR,CHIP 150 1/10W (1608)
R111	1-218-827-11	s	RESISTOR,CHIP 150 1/10W (1608)
R112	1-218-827-11	s	RESISTOR,CHIP 150 1/10W (1608)
R113	1-216-835-11	s	RESISTOR,CHIP 15K 1/10W
R114	1-216-835-11	s	RESISTOR,CHIP 15K 1/10W
R116	1-216-844-11	s	RESISTOR,CHIP 82K 1/16W 1608
R117	1-216-844-11	s	RESISTOR,CHIP 82K 1/16W 1608
R118	1-216-844-11	s	RESISTOR,CHIP 82K 1/16W 1608
R120	1-216-844-11	s	RESISTOR,CHIP 82K 1/16W 1608
R121	1-216-844-11	s	RESISTOR,CHIP 82K 1/16W 1608
R122	1-216-844-11	s	RESISTOR,CHIP 82K 1/16W 1608
R123	1-216-844-11	s	RESISTOR,CHIP 82K 1/16W 1608
R124	1-216-844-11	s	RESISTOR,CHIP 82K 1/16W 1608
R125	1-216-844-11	s	RESISTOR,CHIP 82K 1/16W 1608
R126	1-216-844-11	s	RESISTOR,CHIP 82K 1/16W 1608
R127	1-216-844-11	s	RESISTOR,CHIP 82K 1/16W 1608
R128	1-216-809-11	s	RESISTOR,CHIP 100 1/10W 1608
R129	1-216-809-11	s	RESISTOR,CHIP 100 1/10W 1608
R130	1-216-809-11	s	RESISTOR,CHIP 100 1/10W 1608
R131	1-216-809-11	s	RESISTOR,CHIP 100 1/10W 1608
R132	1-216-809-11	s	RESISTOR,CHIP 100 1/10W 1608
R133	1-216-809-11	s	RESISTOR,CHIP 100 1/10W 1608
R134	1-216-809-11	s	RESISTOR,CHIP 100 1/10W 1608
R135	1-216-809-11	s	RESISTOR,CHIP 100 1/10W 1608
R136	1-216-845-11	s	RESISTOR,CHIP 100K 1/10W(1608)
R140	1-216-809-11	s	RESISTOR,CHIP 100 1/10W 1608
R141	1-216-809-11	s	RESISTOR,CHIP 100 1/10W 1608
R150	1-216-809-11	s	RESISTOR,CHIP 100 1/10W 1608

## (Q BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R151	1-216-809-11	s RESISTOR,CHIP 100 1/10W 1608
R152	1-216-809-11	s RESISTOR,CHIP 100 1/10W 1608
R153	1-216-809-11	s RESISTOR,CHIP 100 1/10W 1608
R154	1-216-809-11	s RESISTOR,CHIP 100 1/10W 1608
R155	1-216-809-11	s RESISTOR,CHIP 100 1/10W 1608
R156	1-216-809-11	s RESISTOR,CHIP 100 1/10W 1608
R157	1-216-809-11	s RESISTOR,CHIP 100 1/10W 1608
R158	1-216-809-11	s RESISTOR,CHIP 100 1/10W 1608
R159	1-216-845-11	s RESISTOR,CHIP 100K 1/10W(1608)
R160	1-216-805-11	s RESISTOR,CHIP 47 1/10W 1608
R161	1-216-805-11	s RESISTOR,CHIP 47 1/10W 1608
R162	1-216-805-11	s RESISTOR,CHIP 47 1/10W 1608
R163	1-216-845-11	s RESISTOR,CHIP 100K 1/10W(1608)
R164	1-216-864-11	s CONDUCTOR, CHIP (1608)
R166	1-216-864-11	s CONDUCTOR, CHIP (1608)
R168	1-216-864-11	s CONDUCTOR, CHIP (1608)
R200	1-216-864-11	s CONDUCTOR, CHIP (1608)
R201	1-216-864-11	s CONDUCTOR, CHIP (1608)
R202	1-216-864-11	s CONDUCTOR, CHIP (1608)
R203	1-216-864-11	s CONDUCTOR, CHIP (1608)
R204	1-216-805-11	s RESISTOR,CHIP 47 1/10W 1608
R205	1-216-805-11	s RESISTOR,CHIP 47 1/10W 1608
R206	1-216-813-11	s RESISTOR,CHIP 220 1/10W 1608
R207	1-218-827-11	s RESISTOR,CHIP 150 1/10W (1608)
R208	1-218-827-11	s RESISTOR,CHIP 150 1/10W (1608)
R209	1-218-827-11	s RESISTOR,CHIP 150 1/10W (1608)
R210	1-218-827-11	s RESISTOR,CHIP 150 1/10W (1608)
R211	1-218-827-11	s RESISTOR,CHIP 150 1/10W (1608)
R212	1-218-827-11	s RESISTOR,CHIP 150 1/10W (1608)
R213	1-216-835-11	s RESISTOR,CHIP 15K 1/10W
R214	1-216-835-11	s RESISTOR,CHIP 15K 1/10W
R216	1-216-844-11	s RESISTOR,CHIP 82K 1/16W 1608
R217	1-216-844-11	s RESISTOR,CHIP 82K 1/16W 1608
R218	1-216-844-11	s RESISTOR,CHIP 82K 1/16W 1608
R220	1-218-827-11	s RESISTOR,CHIP 150 1/10W (1608)
R221	1-218-827-11	s RESISTOR,CHIP 150 1/10W (1608)
R222	1-218-827-11	s RESISTOR,CHIP 150 1/10W (1608)
R223	1-218-827-11	s RESISTOR,CHIP 150 1/10W (1608)
R224	1-218-827-11	s RESISTOR,CHIP 150 1/10W (1608)
R225	1-218-827-11	s RESISTOR,CHIP 150 1/10W (1608)
R226	1-216-844-11	s RESISTOR,CHIP 82K 1/16W 1608
R227	1-216-844-11	s RESISTOR,CHIP 82K 1/16W 1608
R228	1-216-844-11	s RESISTOR,CHIP 82K 1/16W 1608
R229	1-216-845-11	s RESISTOR,CHIP 100K 1/10W(1608)
R313	1-216-797-11	s RESISTOR,CHIP 10 1/10W 1608
R314	1-216-815-11	s RESISTOR,CHIP 330 1/10W 1608
R315	1-216-815-11	s RESISTOR,CHIP 330 1/10W 1608
R316	1-216-815-11	s RESISTOR,CHIP 330 1/10W 1608
R317	1-216-815-11	s RESISTOR,CHIP 330 1/10W 1608
R321	1-216-805-11	s RESISTOR,CHIP 47 1/10W 1608
R326	1-216-803-11	s RESISTOR,CHIP 33 1/16W (1608)
R329	1-216-805-11	s RESISTOR,CHIP 47 1/10W 1608
R335	1-216-803-11	s RESISTOR,CHIP 33 1/16W (1608)
R355	1-218-831-11	s RESISTOR,CHIP 220 1/10W(1608)
R356	1-216-797-11	s RESISTOR,CHIP 10 1/10W 1608
R357	1-218-827-11	s RESISTOR,CHIP 150 1/10W (1608)
R358	1-216-841-11	s RESISTOR,CHIP 47K 1/10W 1608
R359	1-216-841-11	s RESISTOR,CHIP 47K 1/10W 1608
R360	1-218-827-11	s RESISTOR,CHIP 150 1/10W (1608)

## (Q BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R361	1-216-797-11	s RESISTOR,CHIP 10 1/10W 1608
R362	1-218-831-11	s RESISTOR,CHIP 220 1/10W(1608)
R363	1-218-831-11	s RESISTOR,CHIP 220 1/10W(1608)
R364	1-216-841-11	s RESISTOR,CHIP 47K 1/10W 1608
R365	1-216-797-11	s RESISTOR,CHIP 10 1/10W 1608
R366	1-218-827-11	s RESISTOR,CHIP 150 1/10W (1608)
R367	1-216-841-11	s RESISTOR,CHIP 47K 1/10W 1608
R368	1-218-827-11	s RESISTOR,CHIP 150 1/10W (1608)
R369	1-216-797-11	s RESISTOR,CHIP 10 1/10W 1608
R370	1-218-831-11	s RESISTOR,CHIP 220 1/10W(1608)
R371	1-218-831-11	s RESISTOR,CHIP 220 1/10W(1608)
R372	1-216-841-11	s RESISTOR,CHIP 47K 1/10W 1608
R373	1-216-797-11	s RESISTOR,CHIP 10 1/10W 1608
R374	1-218-827-11	s RESISTOR,CHIP 150 1/10W (1608)
R375	1-216-841-11	s RESISTOR,CHIP 47K 1/10W 1608
R376	1-216-797-11	s RESISTOR,CHIP 10 1/10W 1608
R377	1-218-827-11	s RESISTOR,CHIP 150 1/10W (1608)
R378	1-216-821-11	s RESISTOR,CHIP 1.0K 1/10W(1608)
R379	1-218-831-11	s RESISTOR,CHIP 220 1/10W(1608)
R380	1-216-864-11	s CONDUCTOR,CHIP (1608)
R381	1-216-864-11	s CONDUCTOR,CHIP (1608)
R401	1-216-805-11	s RESISTOR,CHIP 47 1/10W 1608
R402	1-216-797-11	s RESISTOR,CHIP 10 1/10W 1608
R403	1-216-805-11	s RESISTOR,CHIP 47 1/10W 1608
R404	1-216-797-11	s RESISTOR,CHIP 10 1/10W 1608
R405	1-216-801-11	s RESISTOR,CHIP 22 1/10W (1608)
R406	1-216-797-11	s RESISTOR,CHIP 10 1/10W 1608
R407	1-216-797-11	s RESISTOR,CHIP 10 1/10W 1608
R408	1-216-797-11	s RESISTOR,CHIP 10 1/10W 1608
R409	1-216-797-11	s RESISTOR,CHIP 10 1/10W 1608
R410	1-216-797-11	s RESISTOR,CHIP 10 1/10W 1608
R411	1-216-797-11	s RESISTOR,CHIP 10 1/10W 1608
R412	1-218-837-11	s RESISTOR,CHIP 390 1/10W (1608)
R413	1-216-833-11	s RESISTOR,CHIP 10K 1/10W (1608)
R414	1-216-864-11	s CONDUCTOR,CHIP (1608)
R415	1-216-817-11	s RESISTOR,CHIP 470 1/10W 1608
R416	1-216-864-11	s CONDUCTOR,CHIP (1608)
R417	1-216-864-11	s CONDUCTOR,CHIP (1608)
R420	1-216-864-11	s CONDUCTOR,CHIP (1608)
R421	1-216-864-11	s CONDUCTOR,CHIP (1608)
R422	1-216-833-11	s RESISTOR,CHIP 10K 1/10W (1608)
R424	1-216-809-11	s RESISTOR,CHIP 100 1/10W 1608
R425	1-216-833-11	s RESISTOR,CHIP 10K 1/10W (1608)
R426	1-216-809-11	s RESISTOR,CHIP 100 1/10W 1608
R427	1-216-864-11	s CONDUCTOR,CHIP (1608)
R429	1-216-805-11	s RESISTOR,CHIP 47 1/10W 1608
R434	1-216-833-11	s RESISTOR,CHIP 10K 1/10W (1608)
R435	1-216-864-11	s CONDUCTOR,CHIP
R436	1-216-864-11	s CONDUCTOR,CHIP
R437	1-216-864-11	s CONDUCTOR,CHIP (1608)
R443	1-216-864-11	s CONDUCTOR,CHIP (1608)
R449	1-216-864-11	s CONDUCTOR,CHIP (1608)
R453	1-216-864-11	s CONDUCTOR,CHIP (1608)
R455	1-216-833-11	s RESISTOR,CHIP 10K 1/10W (1608)
R501	1-216-793-11	s RESISTOR,CHIP 4.7 1/16W 1608
R504	1-216-853-11	s RESISTOR,CHIP 470K 1/16W(1608)
R505	1-216-825-11	s RESISTOR,CHIP 2.2K 1/10W 1608
R507	1-216-841-11	s RESISTOR,CHIP 47K 1/10W 1608
R508	1-216-837-11	s RESISTOR,CHIP 22K 1/16W 1608

## (Q BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R509	1-216-148-00	s RESISTOR,CHIP 8.2 1/8W(3216)
R511	1-216-845-11	s RESISTOR,CHIP 100K 1/10W(1608)
R514	1-216-821-11	s RESISTOR,CHIP 1.0K 1/10W(1608)
R516	1-216-829-11	s RESISTOR,CHIP 4.7K 1/10W(1608)
R517	1-216-809-11	s RESISTOR,CHIP 100 1/10W 1608
R518	1-216-809-11	s RESISTOR,CHIP 100 1/10W 1608
R519	1-216-821-11	s RESISTOR,CHIP 1.0K 1/10W(1608)
R520	1-216-809-11	s RESISTOR,CHIP 100 1/10W 1608
R521	1-216-864-11	s CONDUCTOR, CHIP (1608)
R522	1-216-864-11	s CONDUCTOR, CHIP (1608)
R523	1-216-864-11	s CONDUCTOR, CHIP (1608)
R524	1-216-864-11	s CONDUCTOR, CHIP (1608)
R525	1-216-821-11	s RESISTOR,CHIP 1.0K 1/10W(1608)
R526	1-216-833-11	s RESISTOR,CHIP 10K 1/10W (1608)
R527	1-216-809-11	s RESISTOR,CHIP 100 1/10W 1608
R528	1-216-809-11	s RESISTOR,CHIP 100 1/10W 1608
R529	1-216-809-11	s RESISTOR,CHIP 100 1/10W 1608
R539	1-216-809-11	s RESISTOR,CHIP 100 1/10W 1608
R540	1-216-838-11	s RESISTOR,CHIP 27K 1/10W(1608)
R541	1-216-834-11	s RESISTOR,CHIP 12K 1/16W 1608
R542	1-218-867-11	s RESISTOR,CHIP 6.8K 1/10W(1608)
R543	1-216-828-11	s RESISTOR,CHIP 3.9K 1/10W 1608
R544	1-216-826-11	s RESISTOR,CHIP 2.7K 1/10W(1608)
R545	1-216-825-11	s RESISTOR,CHIP 2.2K 1/10W 1608
R546	1-216-823-11	s RESISTOR,CHIP 1.5K 1/10W
R547	1-216-824-11	s RESISTOR,CHIP 1.8K 1/10W 1608
R548	1-216-826-11	s RESISTOR,CHIP 2.7K 1/10W(1608)
R549	1-216-825-11	s RESISTOR,CHIP 2.2K 1/10W 1608
R550	1-216-823-11	s RESISTOR,CHIP 1.5K 1/10W
R551	1-216-824-11	s RESISTOR,CHIP 1.8K 1/10W 1608
R601	1-216-843-11	s RESISTOR,CHIP 68K 1/10W (1608)
R602	1-216-843-11	s RESISTOR,CHIP 68K 1/10W (1608)
R603	1-216-843-11	s RESISTOR,CHIP 68K 1/10W (1608)
R604	1-216-843-11	s RESISTOR,CHIP 68K 1/10W (1608)
R605	1-216-843-11	s RESISTOR,CHIP 68K 1/10W (1608)
R606	1-216-843-11	s RESISTOR,CHIP 68K 1/10W (1608)
R607	1-216-843-11	s RESISTOR,CHIP 68K 1/10W (1608)
R608	1-216-843-11	s RESISTOR,CHIP 68K 1/10W (1608)
R609	1-216-853-11	s RESISTOR,CHIP 470K 1/16W(1608)
R610	1-216-853-11	s RESISTOR,CHIP 470K 1/16W(1608)
R611	1-216-853-11	s RESISTOR,CHIP 470K 1/16W(1608)
R612	1-216-853-11	s RESISTOR,CHIP 470K 1/16W(1608)
R613	1-216-853-11	s RESISTOR,CHIP 470K 1/16W(1608)
R614	1-216-853-11	s RESISTOR,CHIP 470K 1/16W(1608)
R615	1-216-853-11	s RESISTOR,CHIP 470K 1/16W(1608)
R616	1-216-853-11	s RESISTOR,CHIP 470K 1/16W(1608)
R617	1-216-809-11	s RESISTOR,CHIP 100 1/10W 1608
R618	1-216-809-11	s RESISTOR,CHIP 100 1/10W 1608
R619	1-216-833-11	s RESISTOR,CHIP 10K 1/10W (1608)
R620	1-216-833-11	s RESISTOR,CHIP 10K 1/10W (1608)
R621	1-216-809-11	s RESISTOR,CHIP 100 1/10W 1608
R622	1-216-809-11	s RESISTOR,CHIP 100 1/10W 1608
R623	1-216-829-11	s RESISTOR,CHIP 4.7K 1/10W(1608)
R624	1-216-829-11	s RESISTOR,CHIP 4.7K 1/10W(1608)
R625	1-216-826-11	s RESISTOR,CHIP 2.7K 1/10W(1608)
R626	1-216-826-11	s RESISTOR,CHIP 2.7K 1/10W(1608)
R627	1-216-821-11	s RESISTOR,CHIP 1.0K 1/10W(1608)
R628	1-216-821-11	s RESISTOR,CHIP 1.0K 1/10W(1608)
R629	1-216-821-11	s RESISTOR,CHIP 1.0K 1/10W(1608)

## (Q BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R630	1-216-821-11	s RESISTOR,CHIP 1.0K 1/10W(1608)
R631	1-216-853-11	s RESISTOR,CHIP 470K 1/16W(1608)
R632	1-216-853-11	s RESISTOR,CHIP 470K 1/16W(1608)
R633	1-216-821-11	s RESISTOR,CHIP 1.0K 1/10W(1608)
R634	1-216-821-11	s RESISTOR,CHIP 1.0K 1/10W(1608)
R635	1-216-821-11	s RESISTOR,CHIP 1.0K 1/10W(1608)
R636	1-216-809-11	s RESISTOR,CHIP 100 1/10W 1608
R637	1-216-809-11	s RESISTOR,CHIP 100 1/10W 1608
R638	1-216-845-11	s RESISTOR,CHIP 100K 1/10W(1608)
R639	1-216-845-11	s RESISTOR,CHIP 100K 1/10W(1608)
R640	1-216-845-11	s RESISTOR,CHIP 100K 1/10W(1608)
R641	1-216-845-11	s RESISTOR,CHIP 100K 1/10W(1608)
R701	1-218-863-11	s RESISTOR,CHIP 4.7K 1/10W(1608)
R702	1-216-864-11	s CONDUCTOR, CHIP (1608)
R703	1-216-864-11	s CONDUCTOR, CHIP (1608)
R704	1-216-864-11	s CONDUCTOR, CHIP (1608)
R705	1-216-864-11	s CONDUCTOR, CHIP (1608)
R706	1-216-864-11	s CONDUCTOR, CHIP (1608)
R707	1-216-833-11	s RESISTOR,CHIP 10K 1/10W (1608)
R708	1-216-833-11	s RESISTOR,CHIP 10K 1/10W (1608)
R709	1-216-864-11	s CONDUCTOR, CHIP (1608)
R710	1-216-805-11	s RESISTOR,CHIP 47 1/10W 1608
R711	1-216-809-11	s RESISTOR,CHIP 100 1/10W 1608
R712	1-216-864-11	s CONDUCTOR, CHIP (1608)
R713	1-216-864-11	s CONDUCTOR, CHIP (1608)
R714	1-216-864-11	s CONDUCTOR, CHIP (1608)
R715	1-216-864-11	s CONDUCTOR, CHIP (1608)
R716	1-216-864-11	s CONDUCTOR, CHIP (1608)
R717	1-216-864-11	s CONDUCTOR, CHIP (1608)
R718	1-216-864-11	s CONDUCTOR, CHIP (1608)
R800	1-216-803-11	s RESISTOR,CHIP 33 1/16W (1608)
R801	1-216-864-11	s CONDUCTOR, CHIP (1608)
R802	1-216-809-11	s RESISTOR,CHIP 100 1/10W 1608
R803	1-216-809-11	s RESISTOR,CHIP 100 1/10W 1608
R804	1-216-809-11	s RESISTOR,CHIP 100 1/10W 1608
R805	1-216-809-11	s RESISTOR,CHIP 100 1/10W 1608
R806	1-216-809-11	s RESISTOR,CHIP 100 1/10W 1608
R807	1-216-809-11	s RESISTOR,CHIP 100 1/10W 1608
R808	1-216-864-11	s CONDUCTOR, CHIP (1608)
R813	1-208-751-11	s RESISTOR,CHIP 51 1/10W (2012)
R814	1-208-751-11	s RESISTOR,CHIP 51 1/10W (2012)
R815	1-208-751-11	s RESISTOR,CHIP 51 1/10W (2012)
R816	1-208-751-11	s RESISTOR,CHIP 51 1/10W (2012)
R824	1-218-285-11	s RESISTOR,CHIP 75 1/16W (1608)
R825	1-218-285-11	s RESISTOR,CHIP 75 1/16W (1608)
R826	1-218-285-11	s RESISTOR,CHIP 75 1/16W (1608)
R827	1-218-285-11	s RESISTOR,CHIP 75 1/16W (1608)
R828	1-218-285-11	s RESISTOR,CHIP 75 1/16W (1608)
R829	1-218-285-11	s RESISTOR,CHIP 75 1/16W (1608)
R830	1-218-851-11	s RESISTOR,CHIP 1.5K 1/10W(1608)
R831	1-218-869-11	s RESISTOR,CHIP 8.2K 1/10W(1608)
R901	1-216-833-11	s RESISTOR,CHIP 10K 1/10W (1608)
R903	1-216-803-11	s RESISTOR,CHIP 33 1/16W (1608)
R905	1-216-829-11	s RESISTOR,CHIP 4.7K 1/10W(1608)
R906	1-216-833-11	s RESISTOR,CHIP 10K 1/10W (1608)
R909	1-216-833-11	s RESISTOR,CHIP 10K 1/10W (1608)
R911	1-216-864-11	s CONDUCTOR, CHIP (1608)
R913	1-216-833-11	s RESISTOR,CHIP 10K 1/10W (1608)
R914	1-216-809-11	s RESISTOR,CHIP 100 1/10W 1608

(Q BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R919	1-216-833-11	s RESISTOR,CHIP 10K 1/10W (1608)
R920	1-216-809-11	s RESISTOR,CHIP 100 1/10W 1608
R921	1-216-809-11	s RESISTOR,CHIP 100 1/10W 1608
R922	1-216-833-11	s RESISTOR,CHIP 10K 1/10W (1608)
R923	1-216-833-11	s RESISTOR,CHIP 10K 1/10W (1608)
RB401	1-233-575-11	s RES, CHIP NETWORK 22
RB402	1-233-575-11	s RES, CHIP NETWORK 22
RB403	1-233-575-11	s RES, CHIP NETWORK 22
RB404	1-233-575-11	s RES, CHIP NETWORK 22
RB405	1-233-575-11	s RES, CHIP NETWORK 22
RB406	1-233-575-11	s RES, CHIP NETWORK 22
RB407	1-233-575-11	s RES, CHIP NETWORK 22
RB408	1-233-575-11	s RES, CHIP NETWORK 22
RB409	1-233-575-11	s RES, CHIP NETWORK 22
RB410	1-233-575-11	s RES, CHIP NETWORK 22
RB411	1-233-575-11	s RES, CHIP NETWORK 22
RB412	1-233-575-11	s RES, CHIP NETWORK 22
S540	1-570-909-11	s SWITCH, TACTIL (REFLOW TYPE) (LEFT)
S541	1-570-909-11	s SWITCH, TACTIL (REFLOW TYPE) (RIGHT)
S542	1-570-909-11	s SWITCH, TACTIL (REFLOW TYPE) (DOWN)
S543	1-570-909-11	s SWITCH, TACTIL (REFLOW TYPE) (UP)
S544	1-570-909-11	s SWITCH, TACTIL (REFLOW TYPE) (ENTER)
S545	1-570-909-11	s SWITCH, TACTIL (REFLOW TYPE) (MENU)
S546	1-572-595-11	s SWITCH,TACTIL (REFLOW TYPE) (INPUT)
S547	1-572-595-11	s SWITCH,TACTIL (REFLOW TYPE) (POWER)
S548	1-570-909-11	s SWITCH, TACTIL (REFLOW TYPE) (APA)
S549	1-570-909-11	s SWITCH, TACTIL (REFLOW TYPE) (VOL-)
S550	1-570-909-11	s SWITCH, TACTIL (REFLOW TYPE) (VOL+)
S551	1-570-909-11	s SWITCH, TACTIL (REFLOW TYPE) (RESET)
T800	1-433-893-11	s TRANSFORMER, PULSE
TH701	1-803-382-11	s THERMISTOR (1005)
TP103	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
TP104	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
TP105	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
TP110	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
TP111	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
TP800	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
X900	1-781-345-11	s OSCILLATOR, CRYSTAL (25MHz)

U BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1401-529-A	s MOUNTED CIRCUIT BOARD, U
CN1	1-770-619-11	o PIN, CONNECTOR 2P
S1	1-570-504-12	s SWITCH, MICRO

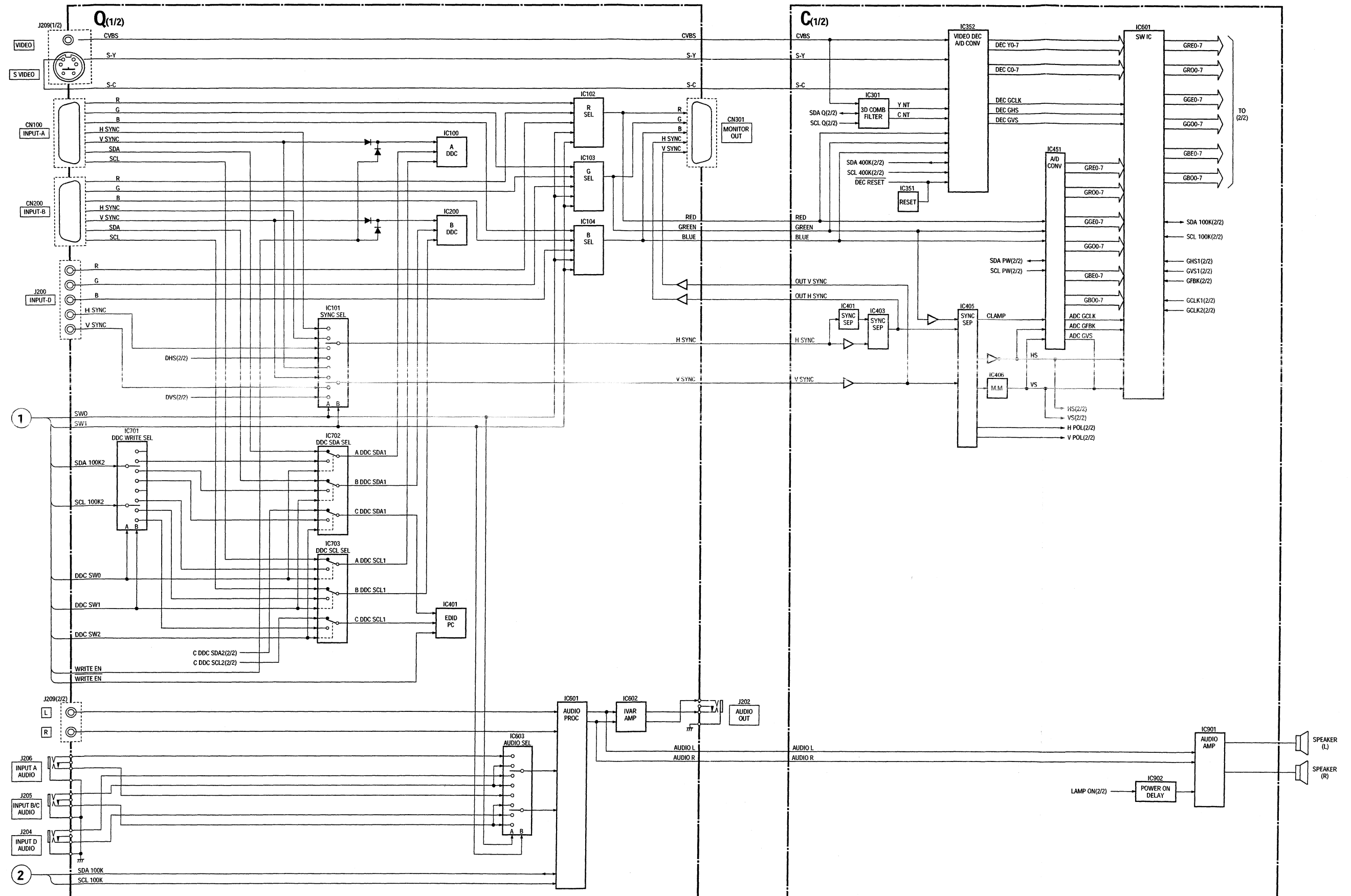
V BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1401-530-A	s MOUNTED CIRCUIT BOARD, V
CN3	1-770-620-21	s PIN, CONNECTOR 3P
S2	1-570-504-12	s SWITCH, MICRO

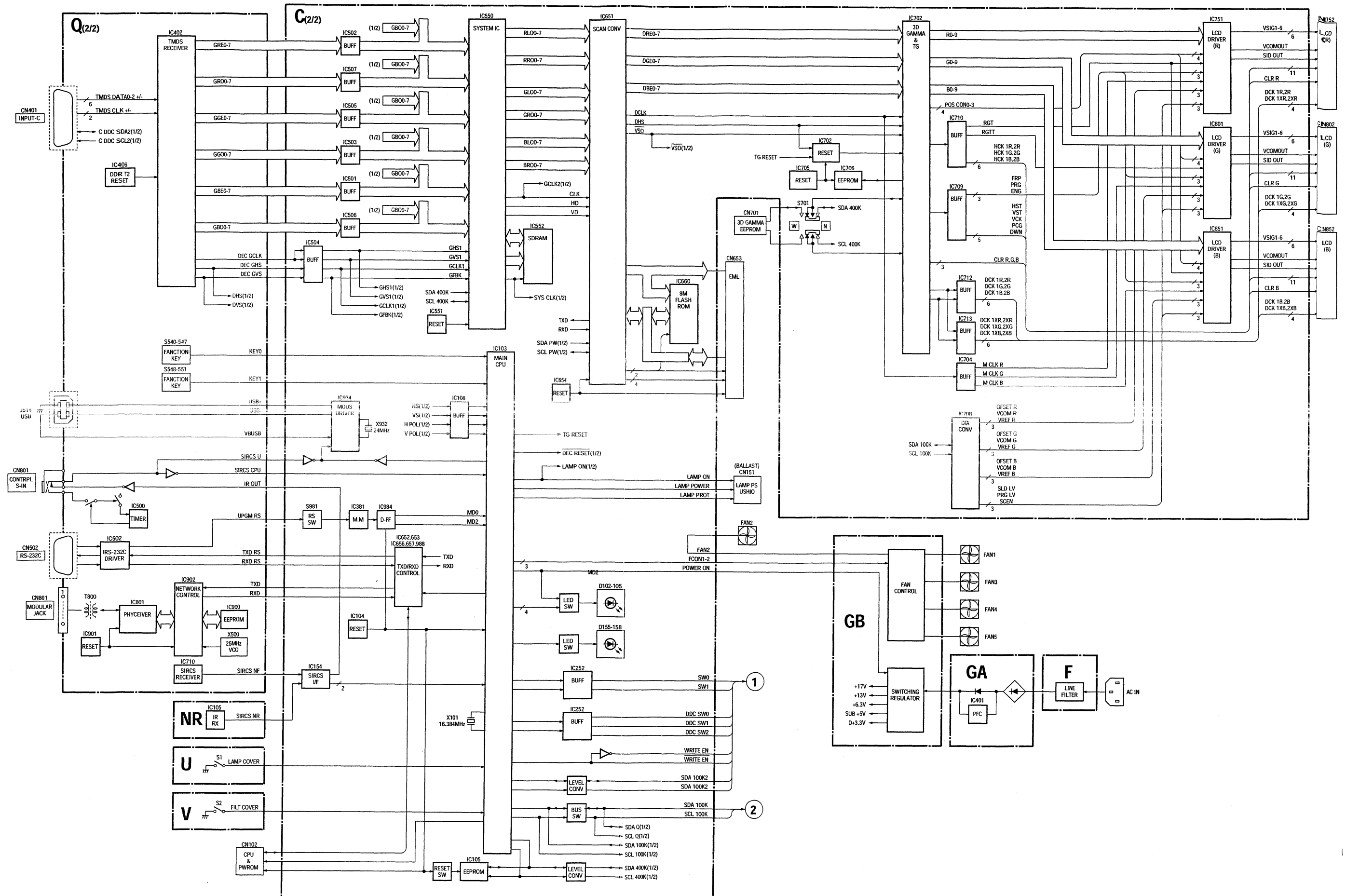
PACKING MATERIALS & SUPPLIED ACCESSORIES

Ref. No. or Q'ty	Part No.	SP Description
1pc	Δ	s See 1-4 Warning on Power Connection (Page 1-12)
1pc	1-476-743-22	s REMOTE COMMANDER (RM-PJM16)
1pc	9-885-010-98	s COVER, BATTERY (FOR REMOTE COMMANDER RM-PJM16)
1pc	1-790-081-31	s CABLE, USB
1pc	1-791-992-21	s CABLE ASSY (15P D SUBX2)
1pc	4-090-532-01	s OPERATING INSTRUCTIONS (JAPANESE, SIMPLIFIED CHINESE)
1pc	4-090-532-11	s OPERATING INSTRUCTIONS (ENGLISH, FRENCH, SPANISH)
1pc	4-090-532-21	s OPERATING INSTRUCTIONS (GERMAN, ITALIAN)
1pc	4-090-533-01	s INSTRUCTION MANUAL FOR DEALERS (JAPANESE, ENGLISH, FRENCH, SPANISH, GERMAN, ITALIAN, SIMPLIFIED CHINESE)

# Section 5 Block Diagrams

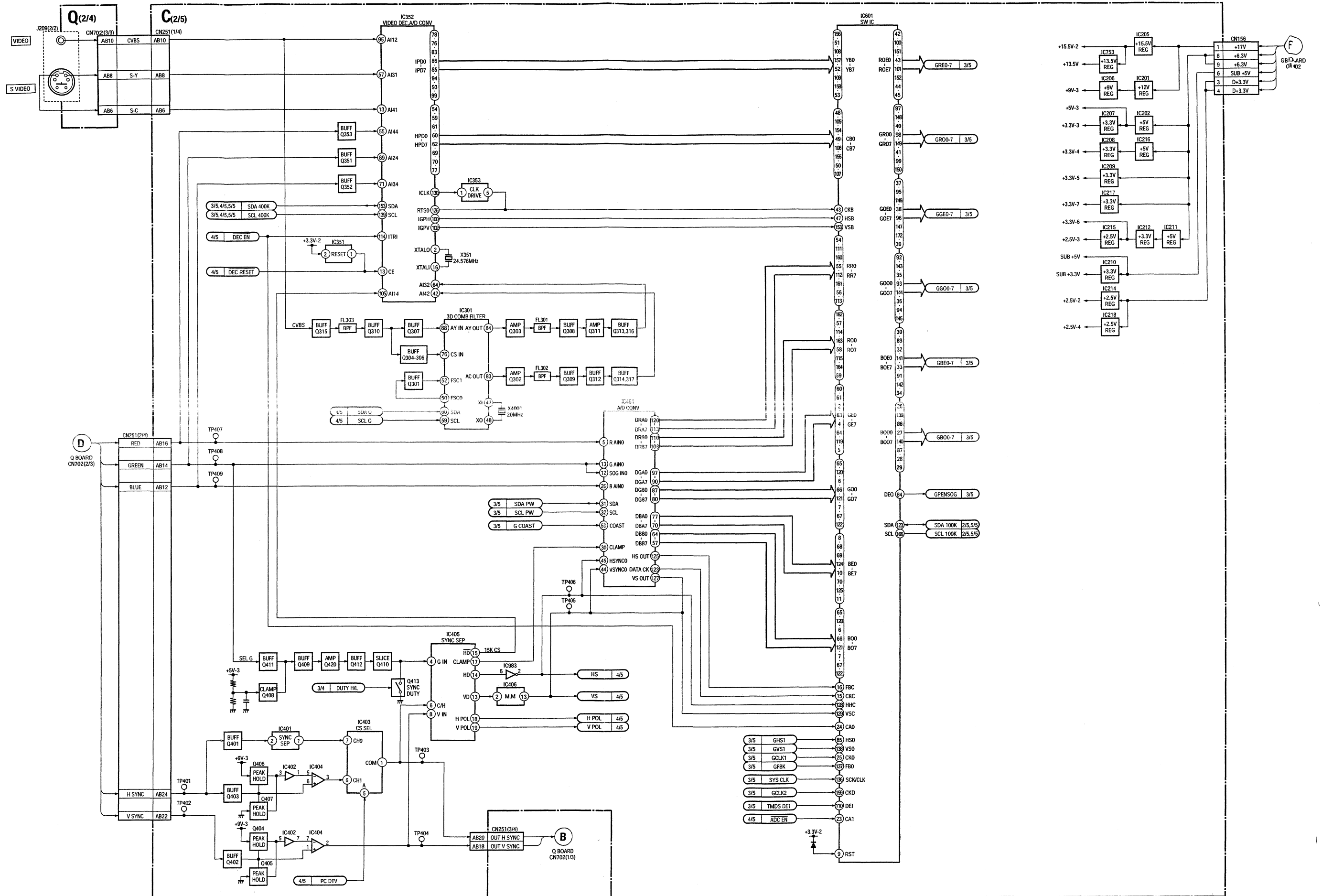


Overall (2/2) Overall (2/2)



**C (1/5), Q (1/4)**





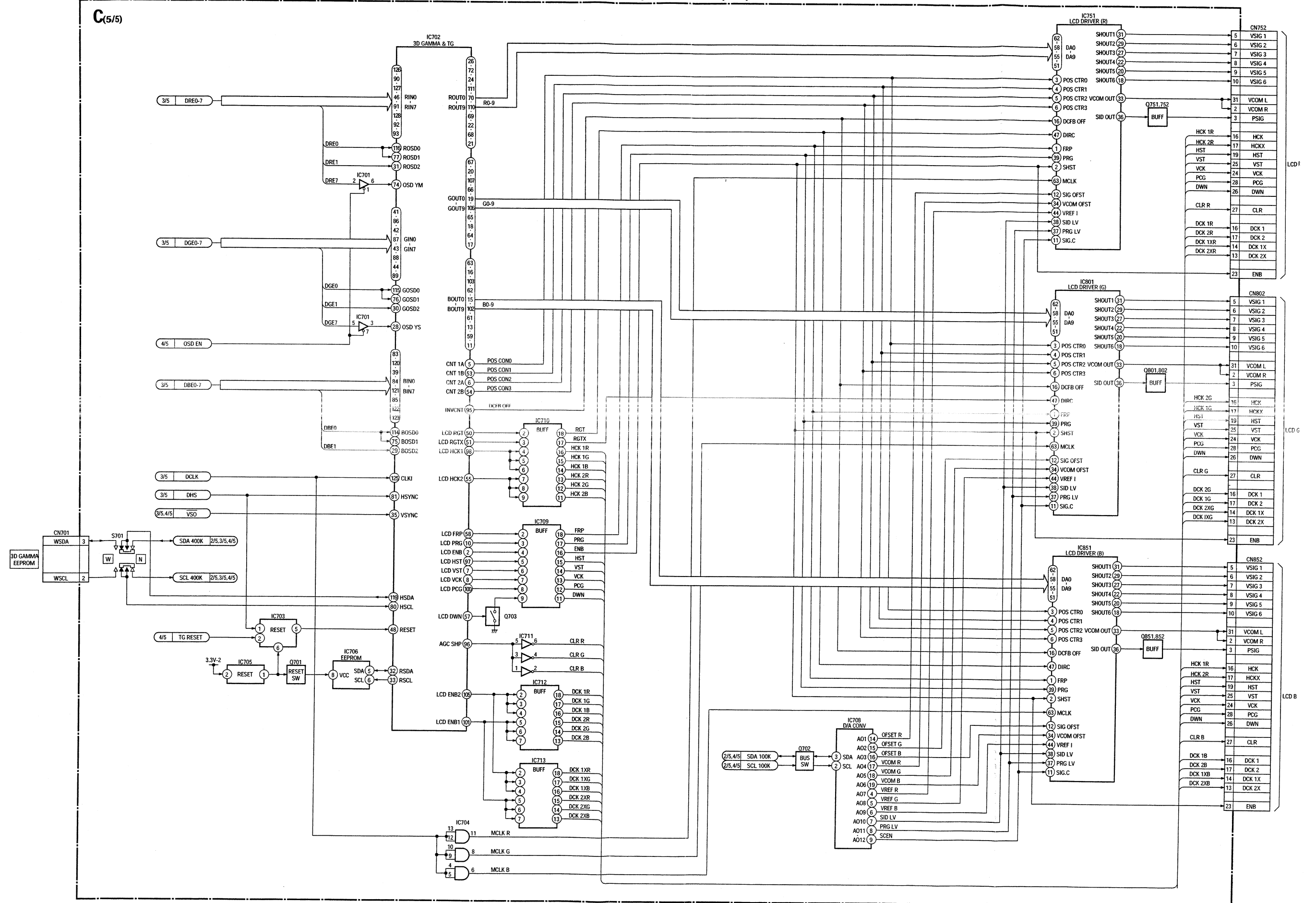


**C (3/5), Q (3/4)**

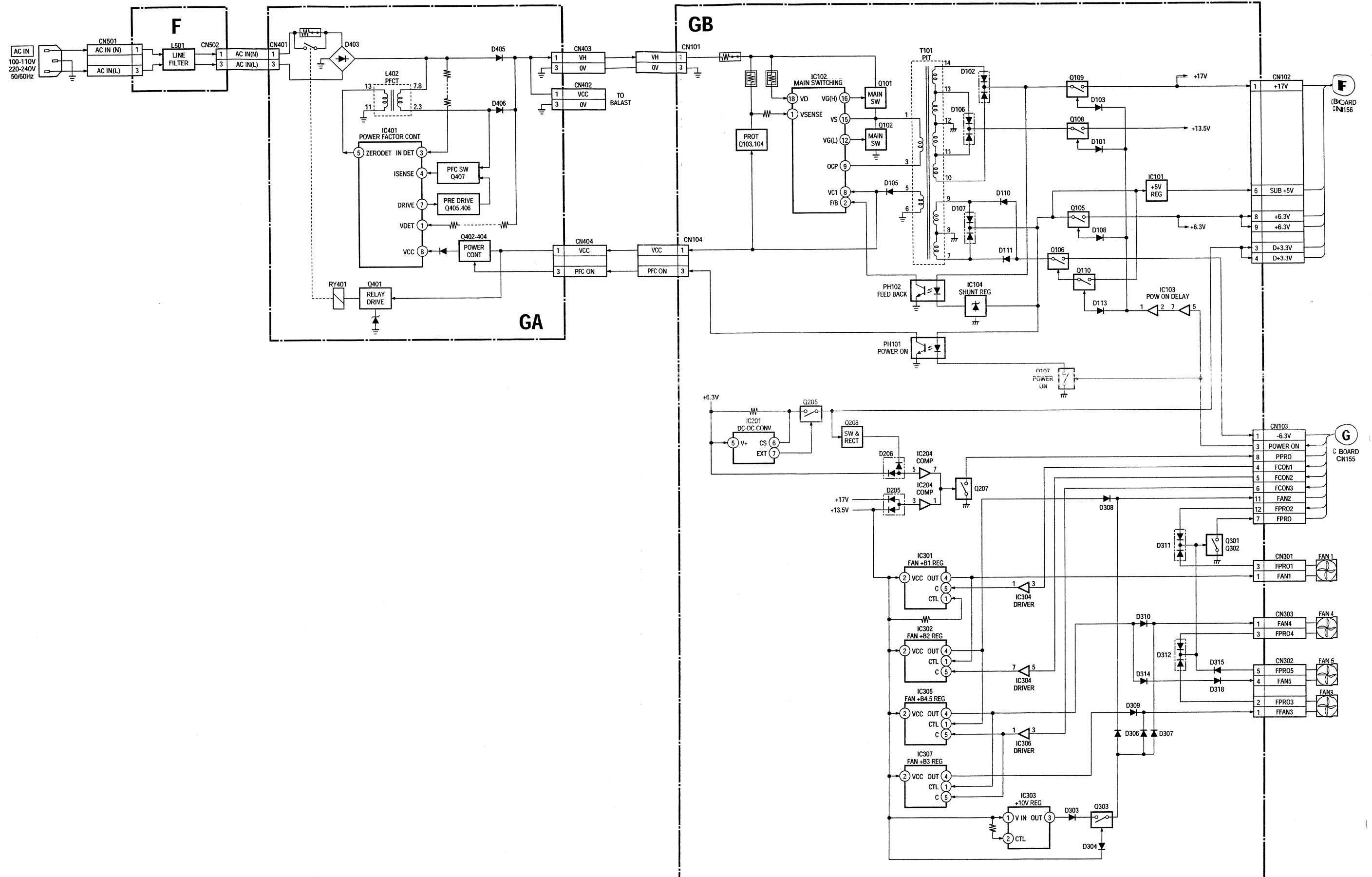


**C (4/5), Q (4/4), U, V, NR**








F, GA, GB F, GA, GB



Section 6  
Diagrams




Note:

- Parts marked “ \* ” differ according to the model/destination. Refer to the mount table for each function.
- The parts marked “ # ” on schematic diagrams are not mounted.
- All capacitors are in  $\mu\text{F}$  unless otherwise noted. pF:  $\mu\mu\text{F}$  50WV or less are not indicated except for electrolytics.
- All electrolytics are in 50 V unless otherwise specified.
-  : fusible resistor
-  : nonflammable resistor
- $\Delta$  : internal component
-  : panel designation and adjustment for repair
- Caution when replacing chip parts  
New parts must be attached after removal of the chip.  
Be careful not to heat the minus side of a tantalum capacitor, because it is easily damaged by the heat.

Reference information

RESISTOR	RN	: METAL FILM
	RC	: SOLID
	FPRD	: NONFLAMMABLE CARBON
	FUSE	: NONFLAMMABLE FUSIBLE
	RS	: NONFLAMMABLE METAL OXIDE
	RB	: NONFLAMMABLE CEMENT
	RW	: NONFLAMMABLE WIREWOUND
	※	: ADJUSTMENT RESISTOR
COIL	LF-8L	: MICRO INDUCTOR
CAPACITOR	TA	: TANTALUM
	PS	: STYROL
	PP	: POLYPROPYLENE
	PT	: MYLAR
	MPS	: METALIZED POLYESTER
	MPP	: METALIZED POLYPROPYLENE
	ALB	: BIPOLAR
	ALT	: HIGH TEMPERATURE
	ALR	: HIGH RIPPLE

[Measuring conditions, voltage and waveform]

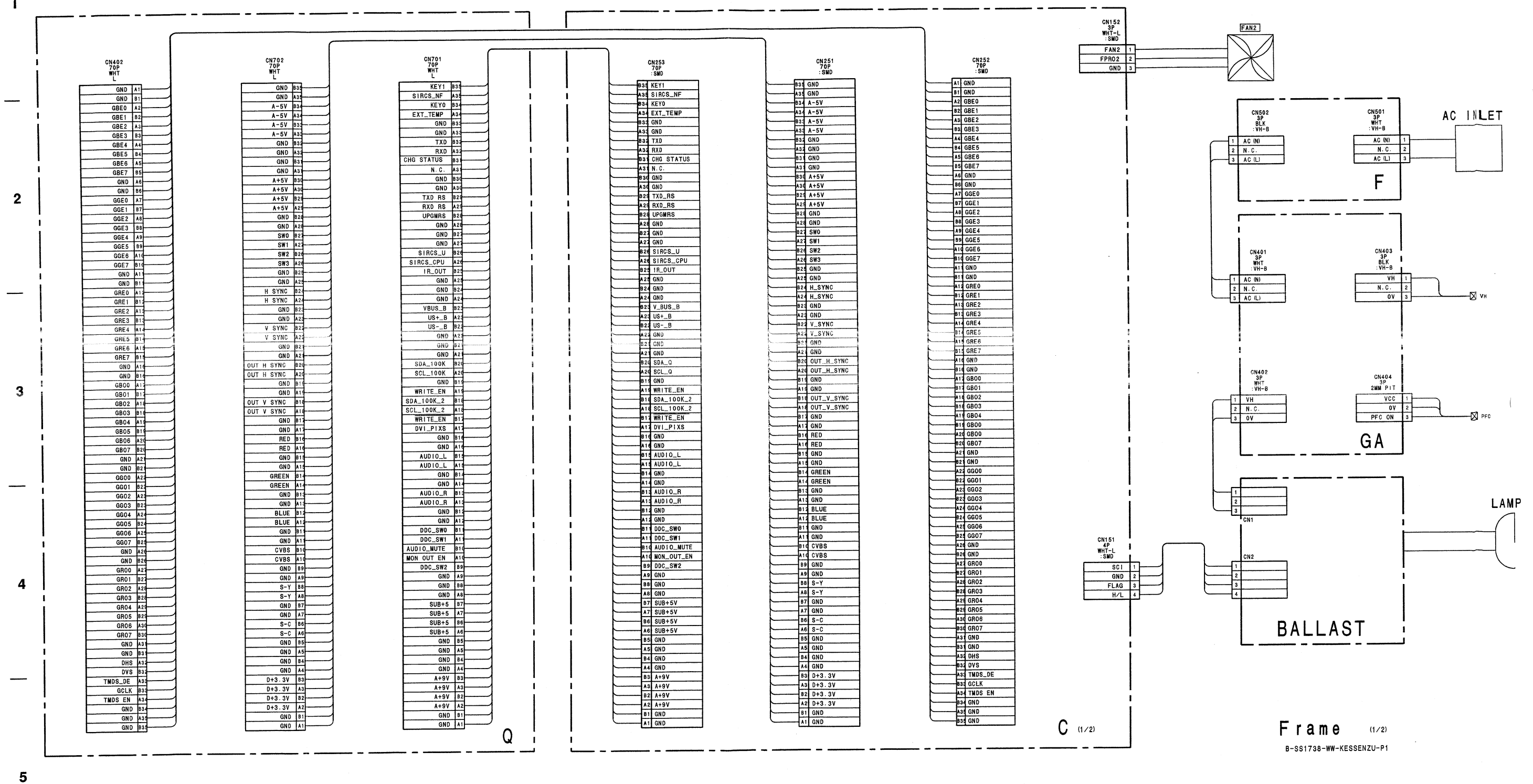
- A voltage value is the reference value between the measurement point and the earth, when the NTSC color bar signal is received from the color bar generator. (digital multi-meter used: 10 M ohms/ V DC)
- Unit of voltage is V (volt).
-  : B+line
-  : B- line  
(Voltage variations may occur due to normal production tolerances.)
- No mark : NTSC (3.58 MHz) color bar signal.
- ☆ : Measurement disabled.
- Circled numbers indicate the reference waveform.
-  : Signal path.

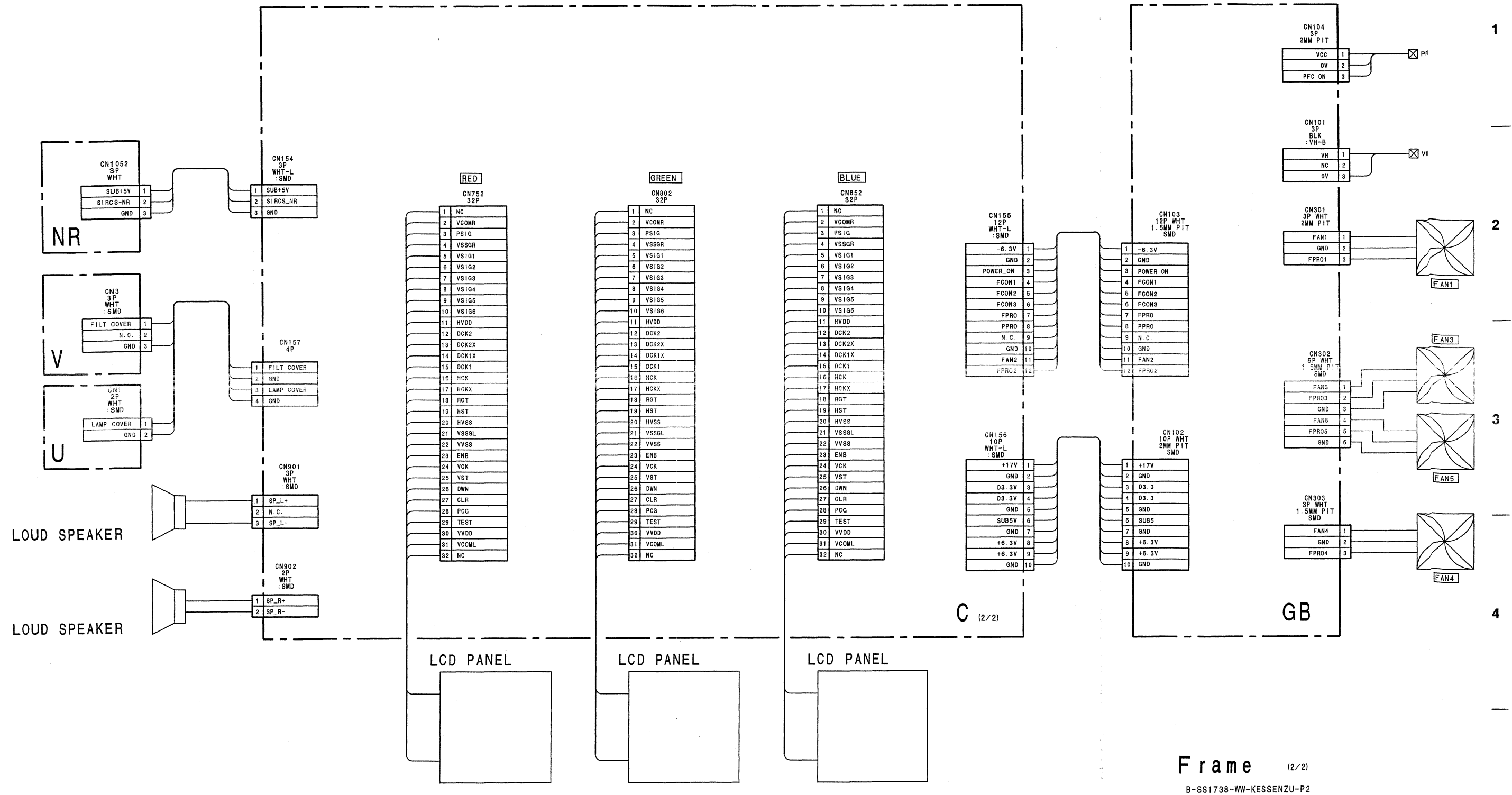
The components identified marked  $\Delta$  are critical for safety.  
Replace only with the part number specified.

Les composants identifiés par la marque  $\Delta$  sont critiques pour la sécurité.  
Ne les remplacer que par une pièce portant le numéro spécifié.

**Frame (1/2)**      **Frame (1/2)**

### 6-1. Frame Schematic Diagrams





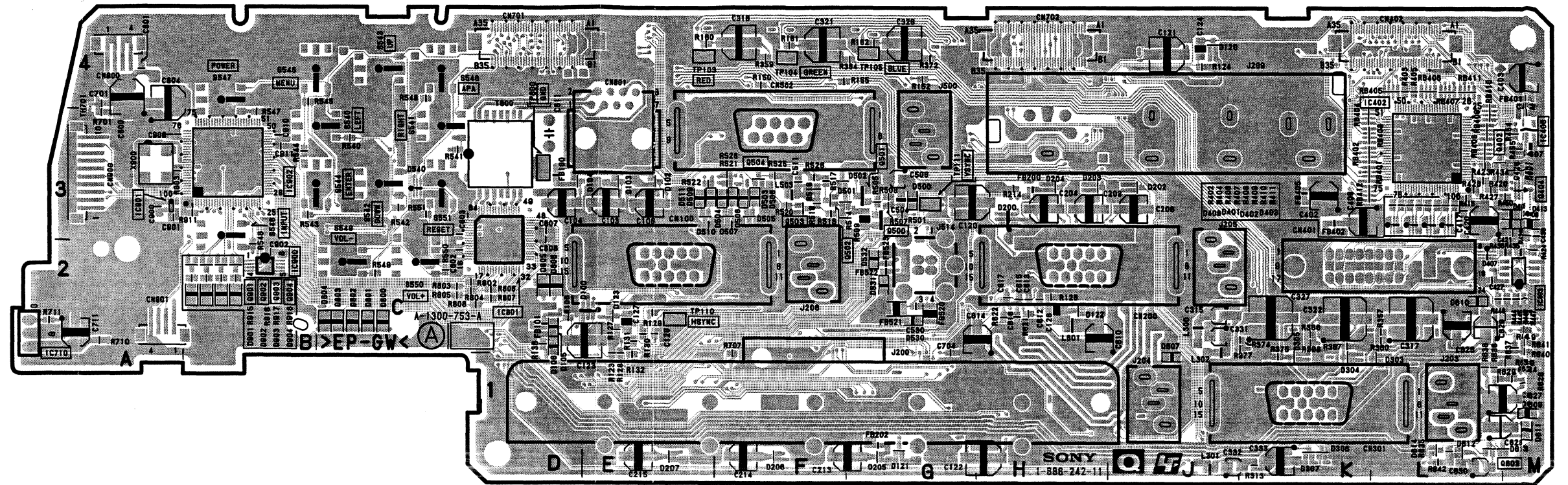


## 6-2. Schematic Diagrams and Printed Wiring Boards

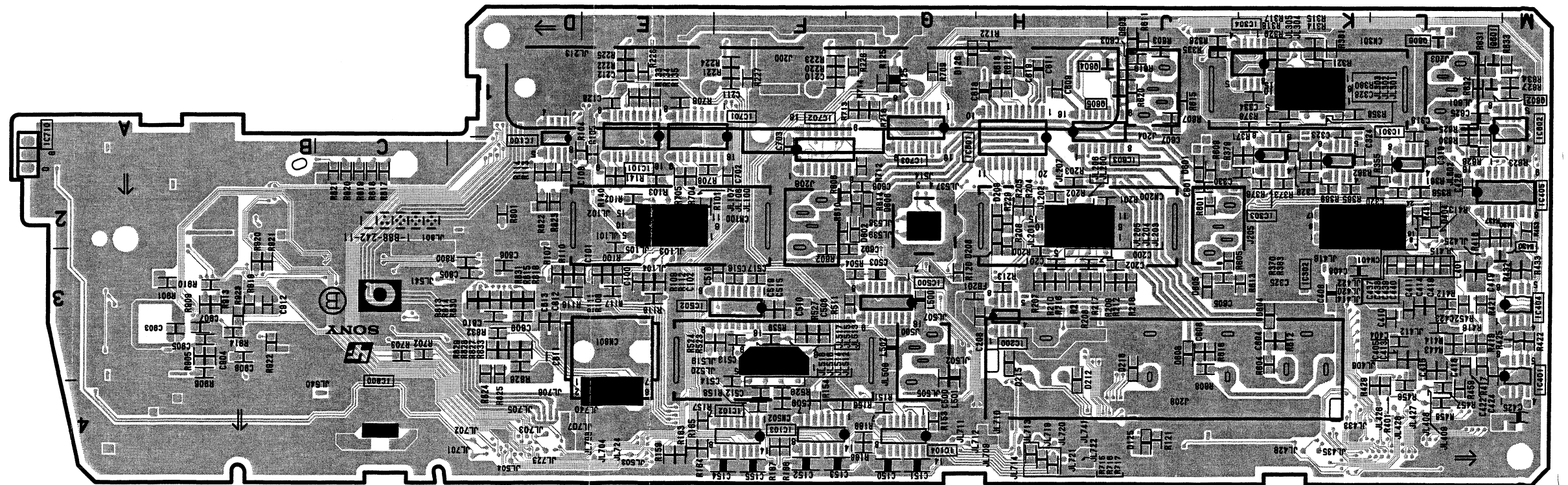
### Q BOARD

\*:B SIDE

D100	E-2	IC100	*D-2
D102	E-3	IC101	*E-2
D103	E-3	IC102	*F-4
D104	E-3	IC103	*F-4
D105	D-2	IC104	*G-4
D106	D-2	IC200	*H-3
D120	J-4	IC301	*K-1
D121	G-1	IC302	*K-3
D122	H-2	IC303	*K-2
D123	E-2	IC304	*K-1
D125	*J-4	IC401	*M-3
D126	*J-3	IC402	L-3
D200	H-3	IC403	M-2
D202	J-3	IC404	M-3
D203	H-3	IC405	*M-2
D204	H-3	IC406	M-3
D205	G-1	IC500	*G-3
D206	F-1	IC502	*F-3
D207	E-1	IC601	*H-2
D208	*H-2	IC602	*M-1
D209	*H-2	IC603	*J-2
D212	*H-3	IC701	*F-2
D215	*H-3	IC702	*F-2
D216	*G-1	IC703	*G-2
D303	L-1	IC710	A-2
D304	K-1	IC800	*C-4
D305	K-2	IC801	D-2
D306	K-1	IC900	B-2
D307	K-1	IC901	A-3
D401	L-3	IC902	B-3
D402	L-3		
D403	L-3	Q402	M-3
D404	*L-2	Q404	M-3
D405	M-3	Q430	*M-2
D406	M-3	Q500	G-3
D407	L-2	Q501	G-3
D408	L-3	Q502	F-3
D413	M-3	Q503	F-3
D500	G-3	Q504	F-3
D501	F-3	Q601	*L-1
D502	G-3	Q602	*L-1
D503	F-3	Q603	M-1
D504	F-3	Q604	*H-1
D505	F-3	Q605	*J-1
D506	F-3	Q606	*L-1
D507	F-3	Q901	B-2
D508	F-3	Q902	B-2
D509	E-3	Q903	B-2
D510	E-3	Q904	B-2
D511	E-3		
D530	G-2	TP103	E-4
D531	G-2	TP104	F-4
D532	G-2	TP105	G-4
D540	C-3	TP110	E-2
D601	*J-2	TP111	G-3
D602	*G-2	TP800	D-4
D603	*J-1		
D604	*K-3		
D605	*J-3		
D606	*G-2		
D607	J-1		
D608	*J-3		
D609	M-1		
D610	L-2		
D611	M-1		
D612	L-1		
D613	M-1		
D614	L-1		
D800	C-2		
D801	C-2		
D802	C-2		
D803	C-2		
D804	C-2		
D805	D-2		
D806	D-2		
D901	B-2		
D902	B-2		
D903	B-2		
D904	B-2		



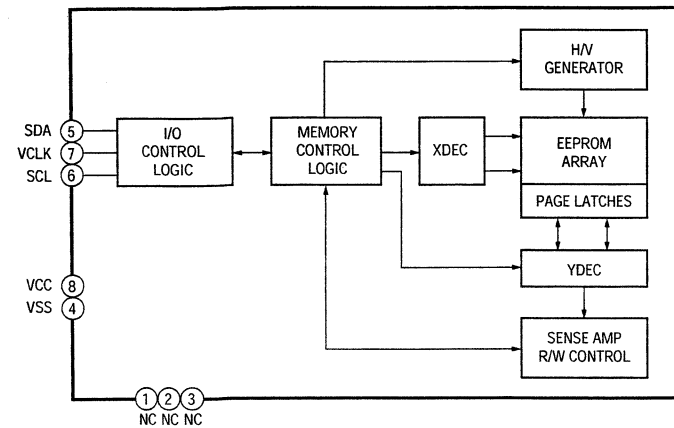
Q -A SIDE-  
SUFFIX: -11



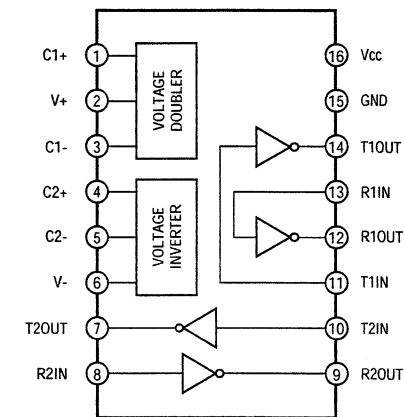
Q -B SIDE-  
SUFFIX: -11



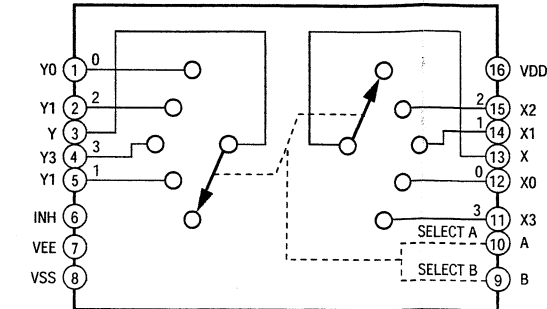
Q (1/9, 2/9) 24LC21AT/SN (IC100, IC200)



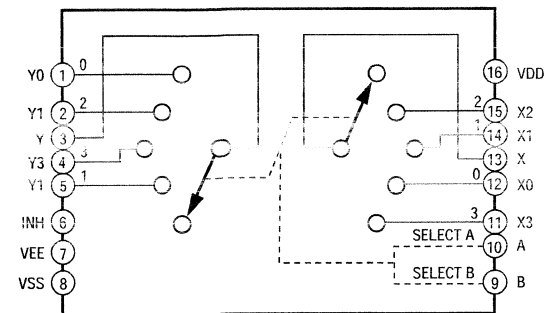
Q (5/9) MAX202CSE (IC502)



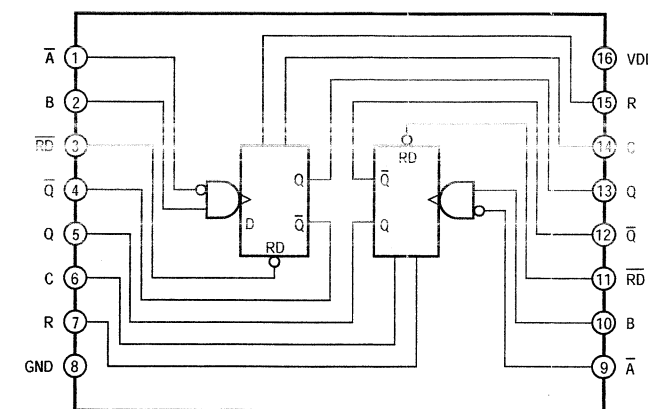
Q (1/9, 7/9) TC74HC4052AF (IC101, IC701)



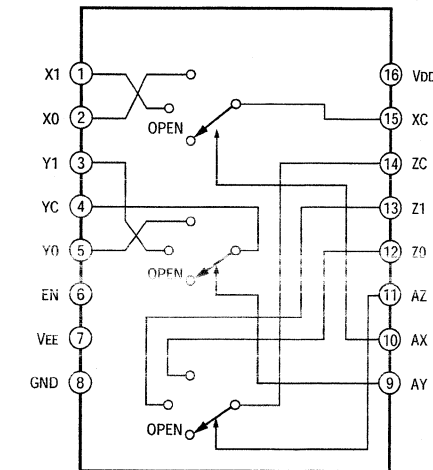
Q (6/9) BU4052BCF-E2 (IC603)



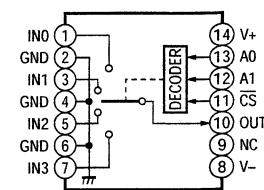
Q (5/9) PC74HC123D (IC500)



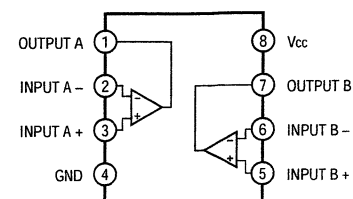
Q (7/9) TC74HC4053AF (IC702, IC703)



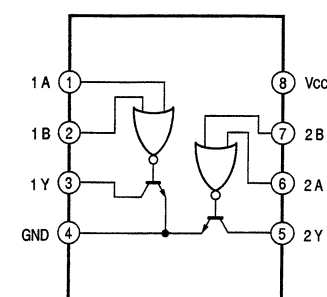
Q (1/9) HA4314BCB (IC102, IC103, IC104)



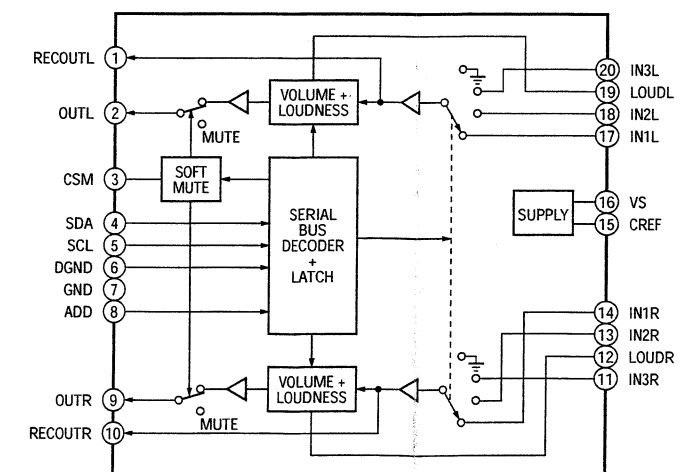
Q (6/9) LM358PS (IC602)



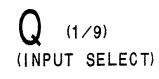
Q (3/9) SN75453BPS (IC304)



Q (6/9) TDA7309D013TR (IC601)

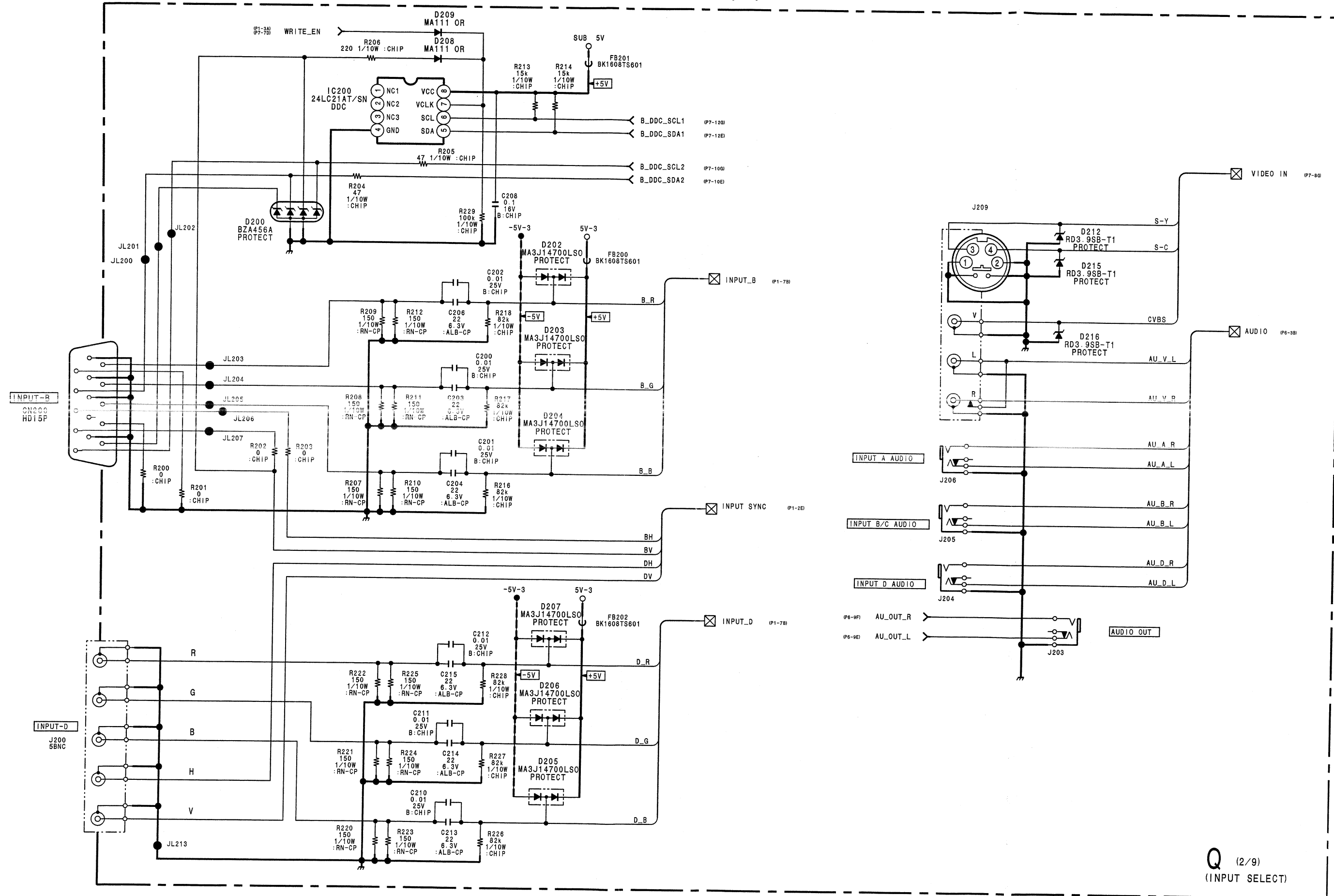


**Q (1/9)**      **Q (1/9)**



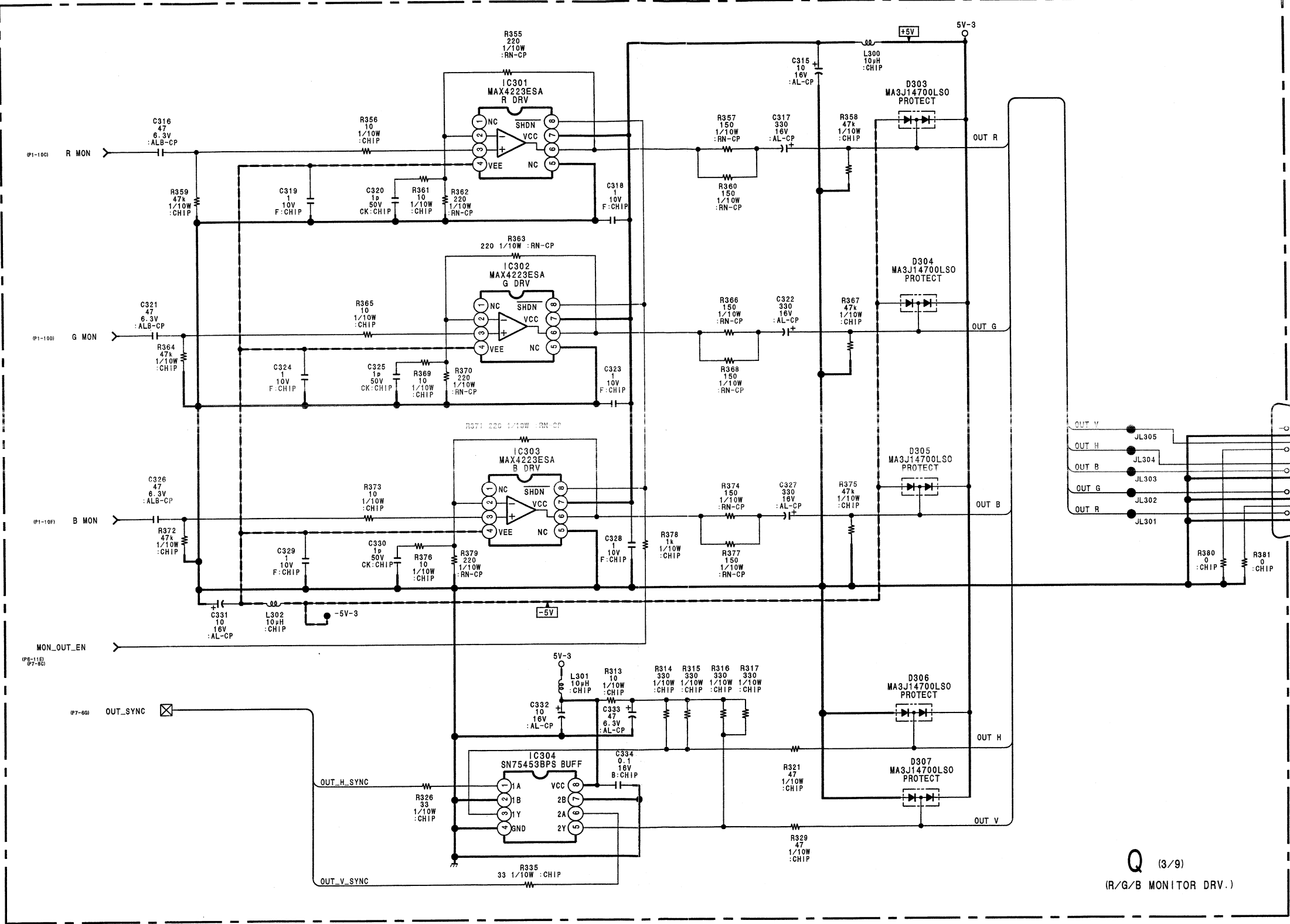
B-SS1738-WW-Q-P1

VP-L-PX40



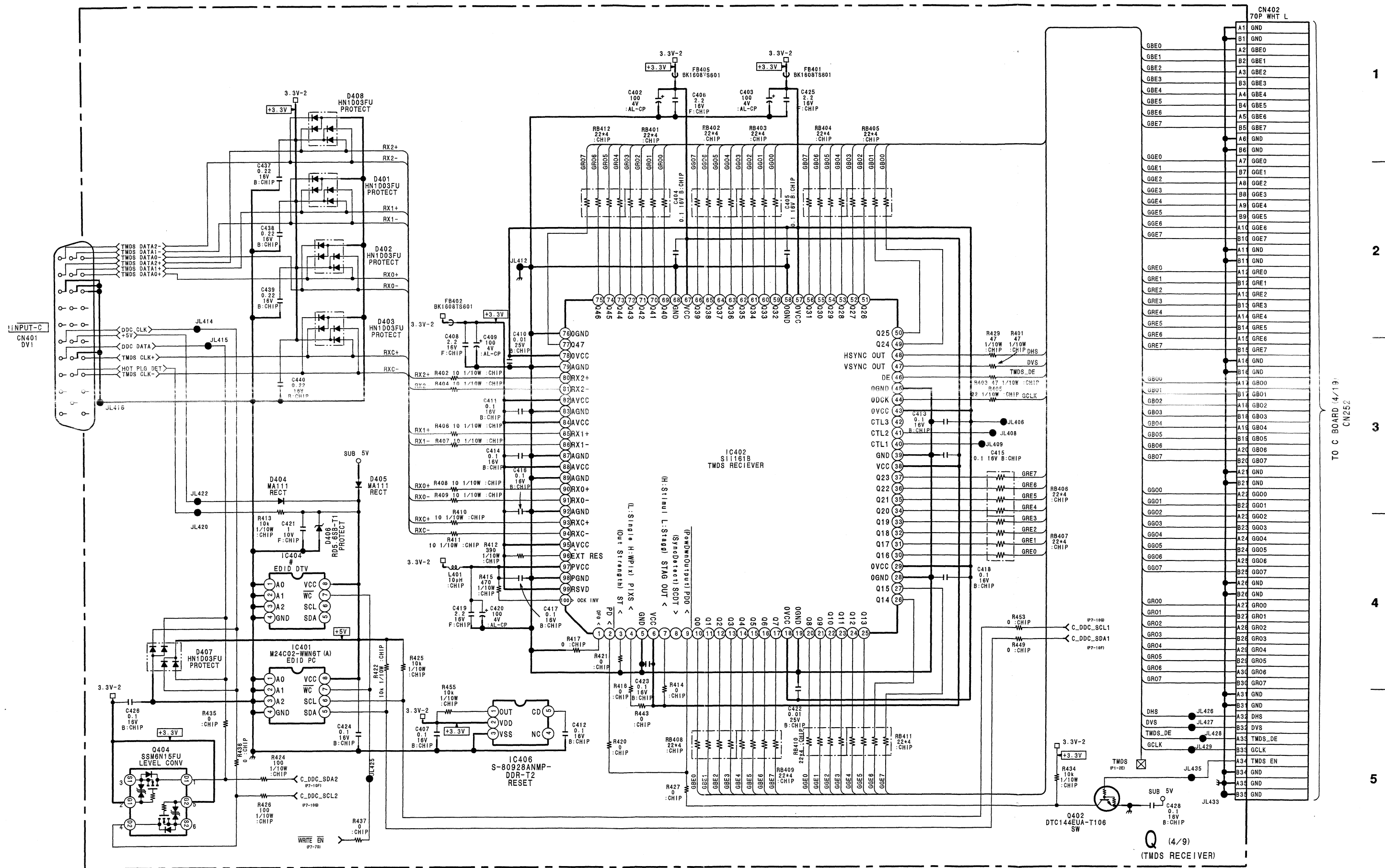
Q (2/9)  
(INPUT SELECT)

B-SS1738-WW-Q-P2

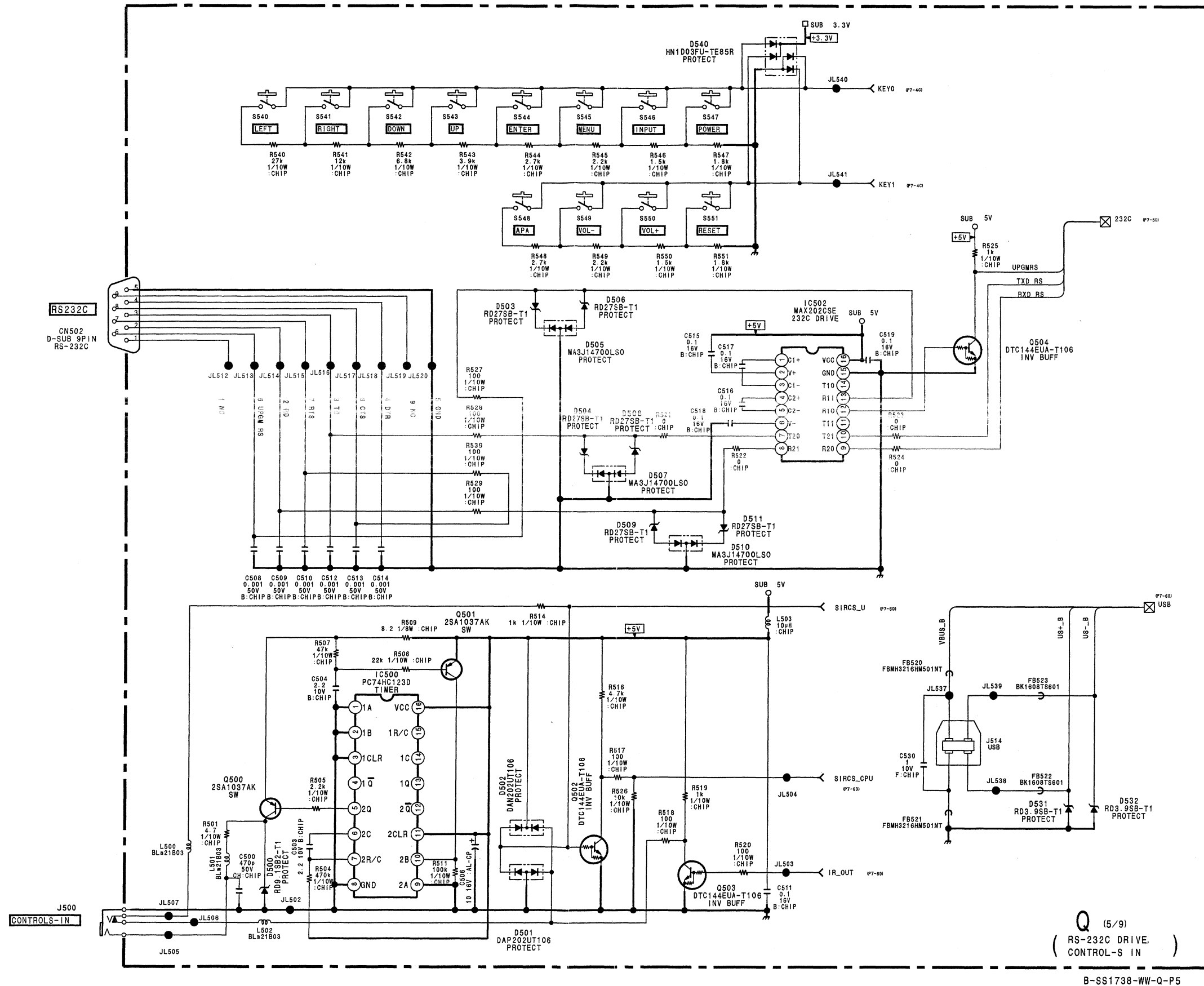


Q (3/9)  
(R/G/B MONITOR DRV.)

B-SS1738-WW-Q-P3

TO C BOARD (4/19)  
CN252Q (4/9)  
(TMS RECEIVER)  
B-SS1738-WW-Q-P4

**Q (5/9)**      **Q (5/9)**



6-10

6-10

P L-PX40

**A**

**B**

**C**

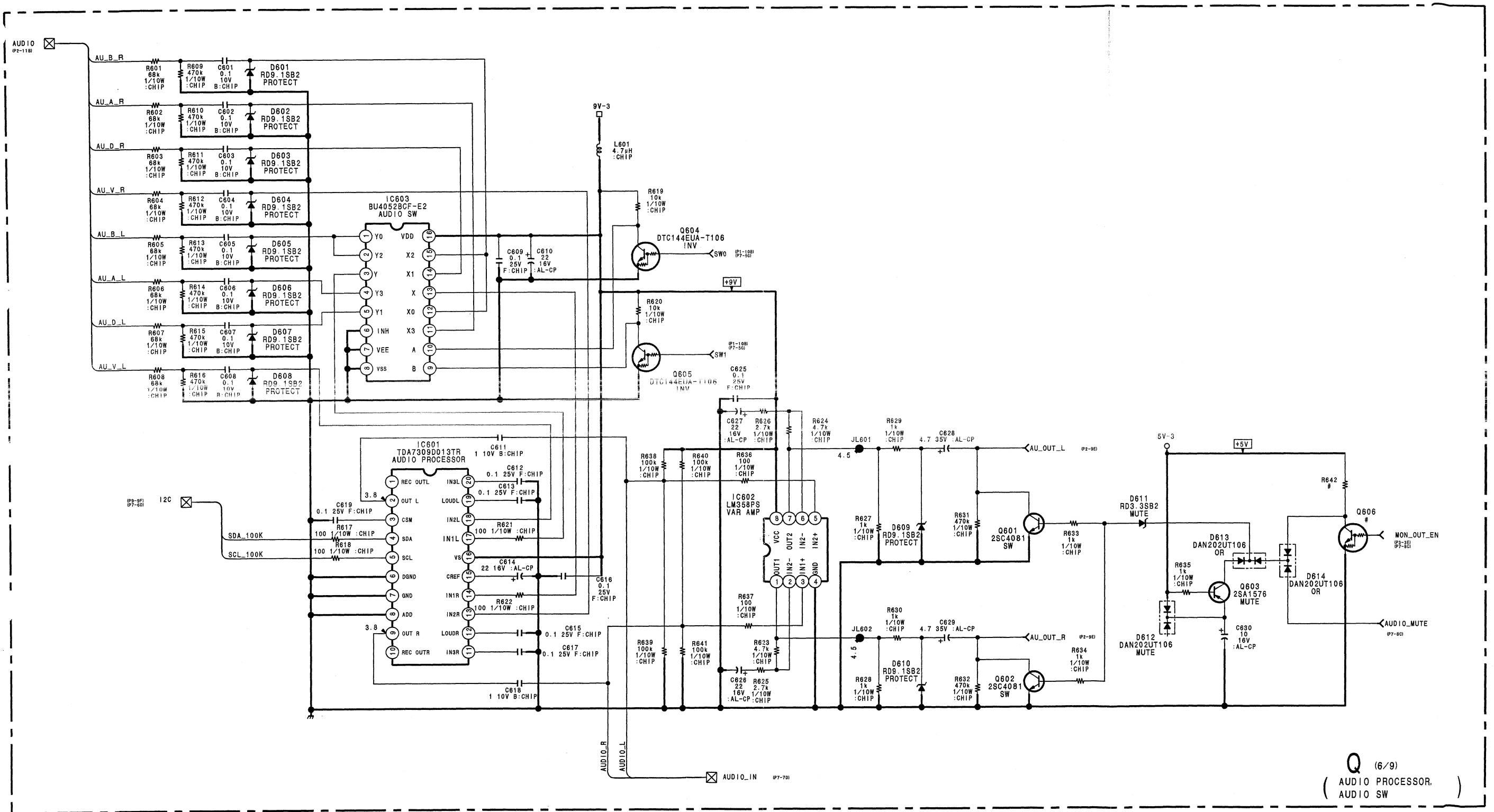
**D**

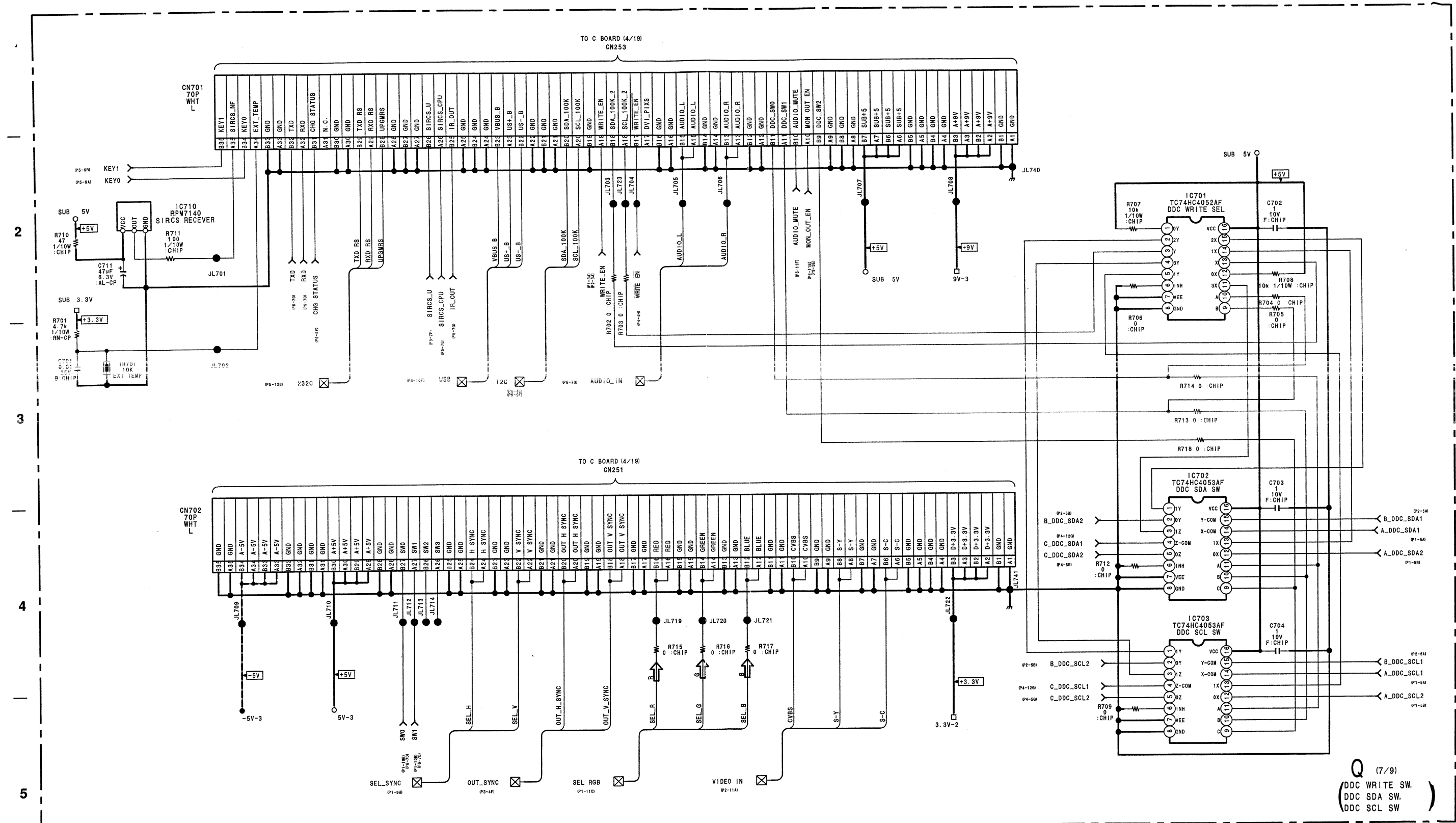
E

**F**

**G**

4

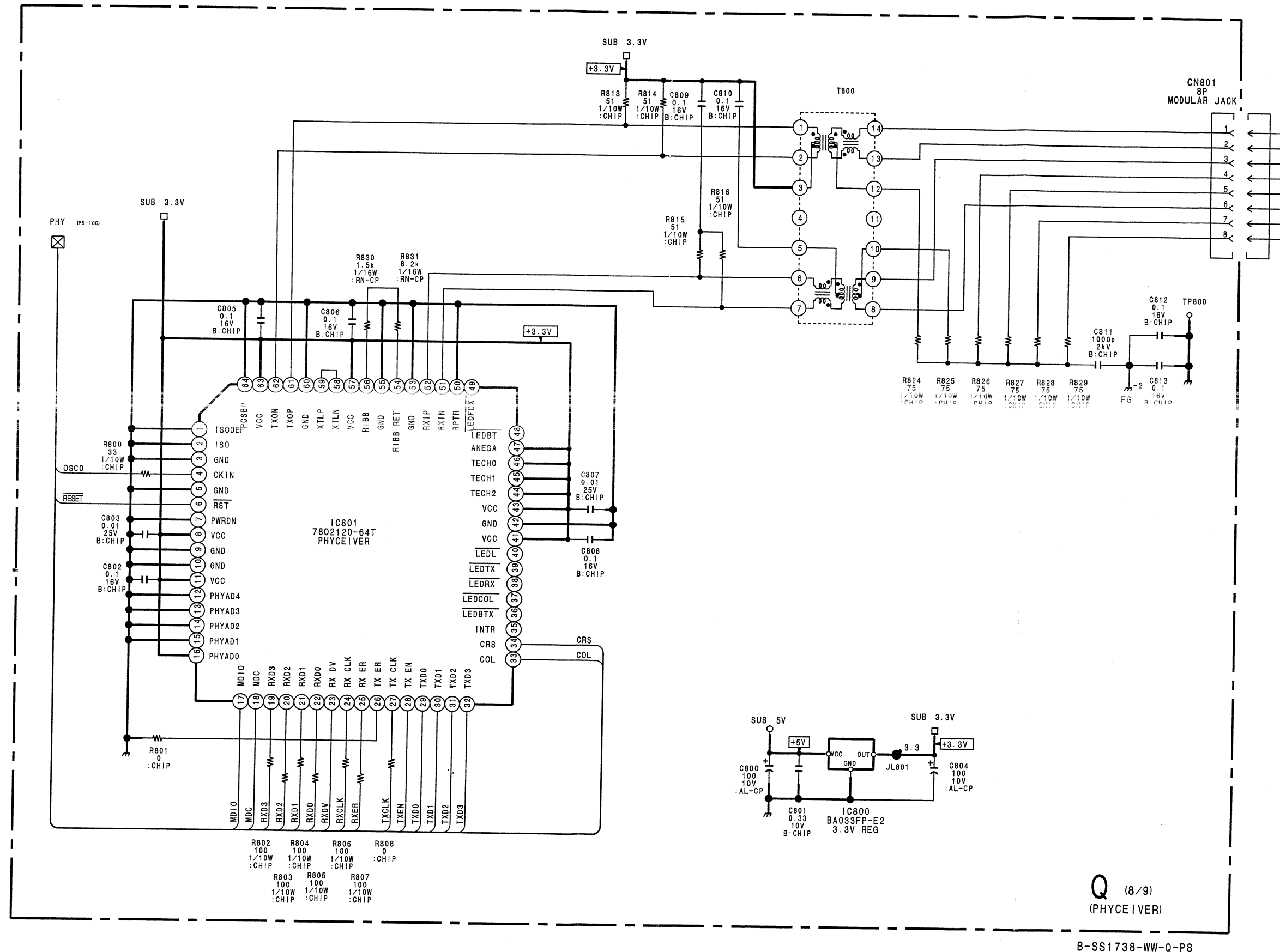


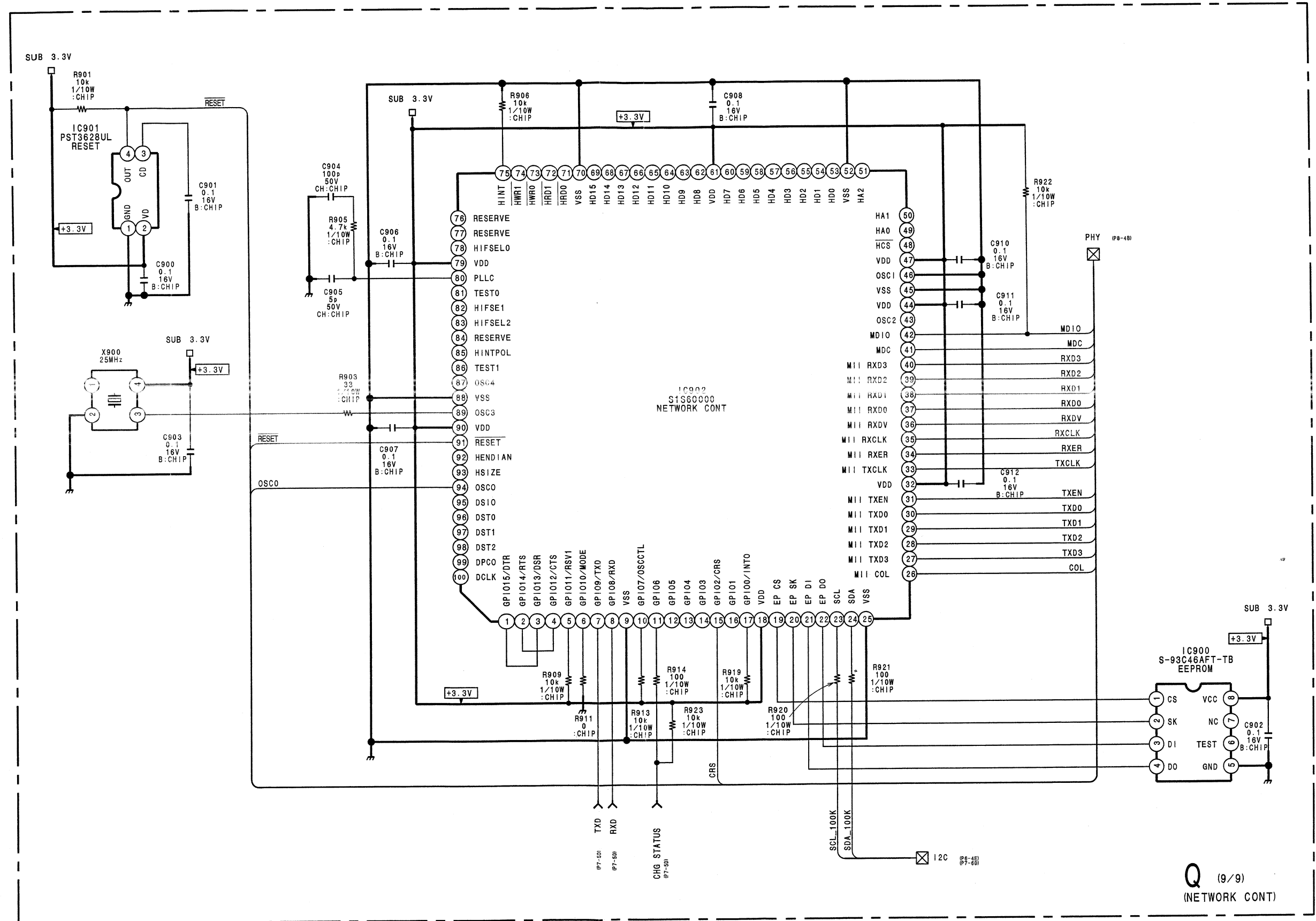


Q (7/9)  
(DDC WRITE SW,  
DDC SDA SW,  
DDC SCL SW)



Q (8/9) Q (8/9)

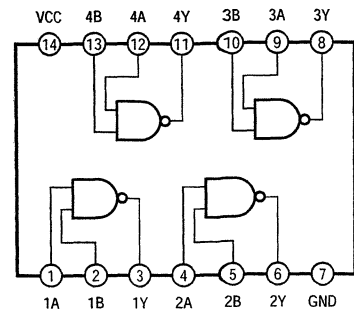




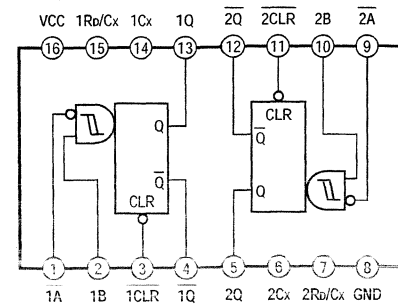
Q (9/9)  
(NETWORK CONT)

B-SS1738-WW-Q-P9

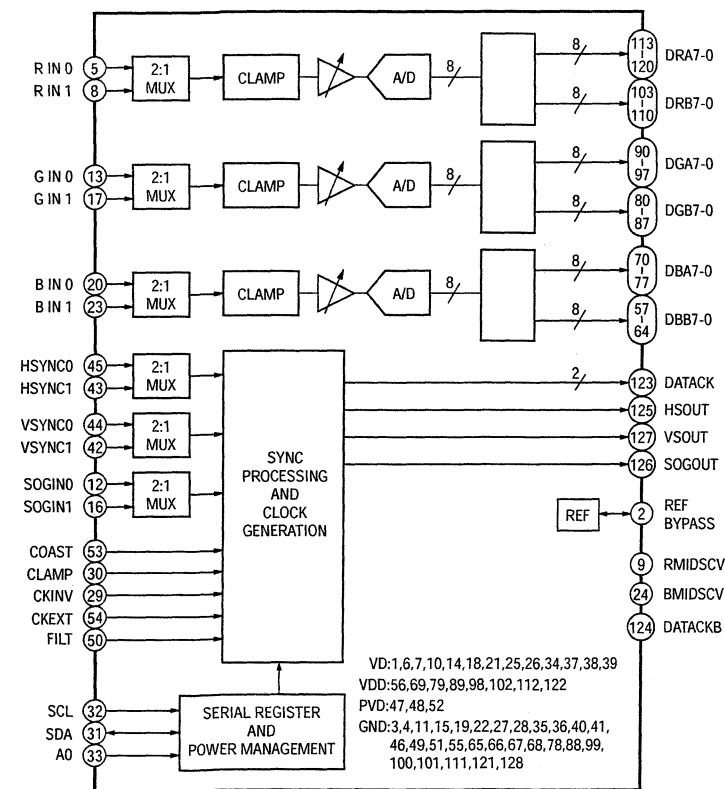
**C (12/19) 74VHC00MTCX (IC653)**



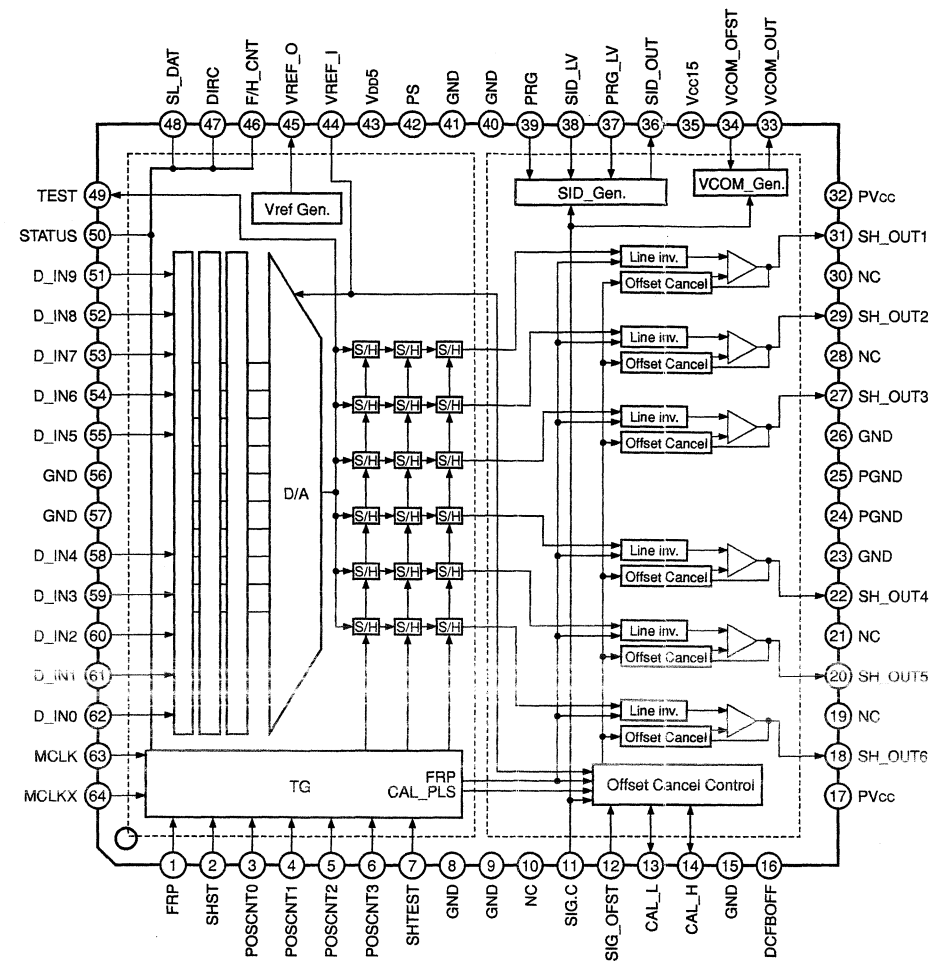
**C (7/19, 17/19, 19//19) 74VHC123AMTCX (IC406, IC902, IC981)**



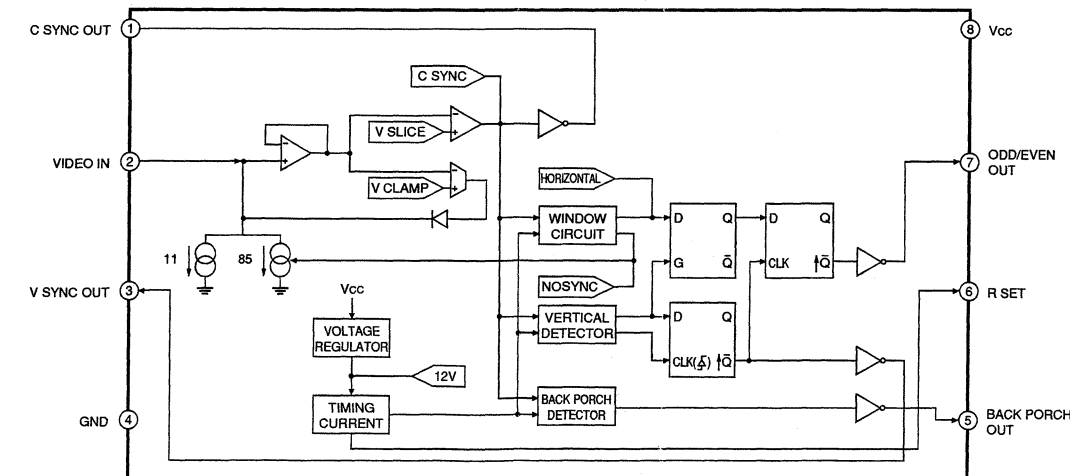
**C (8/19) AD9888XS-170 (IC451)**



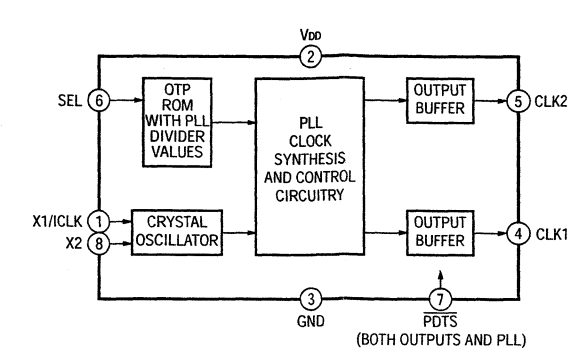
**C (14/19, 15/19, 16/19) CXA7000R-T6 (IC751, IC801, IC851)**



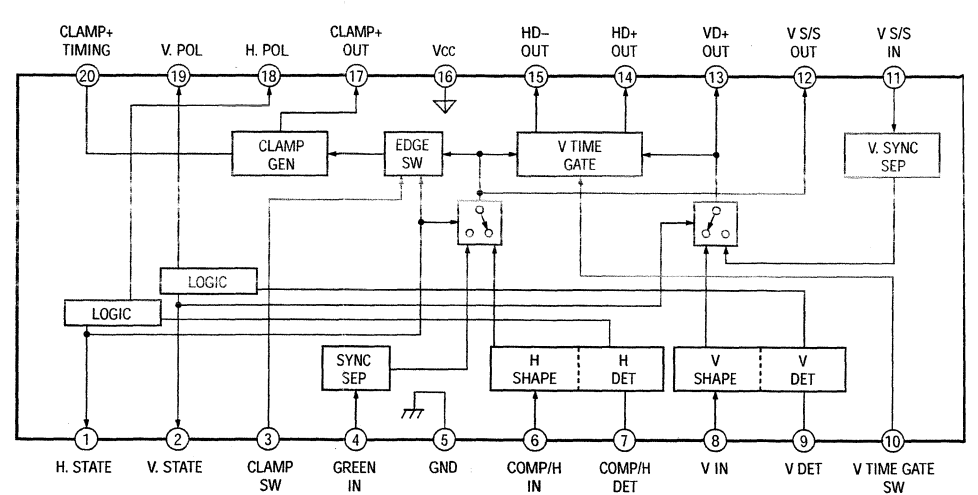
**C (7/19) GS1881-CTA (IC401)**



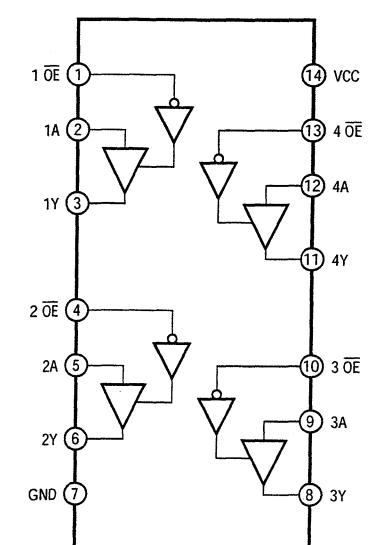
**C (12/19) ICS332-SX1738 (IC659)**



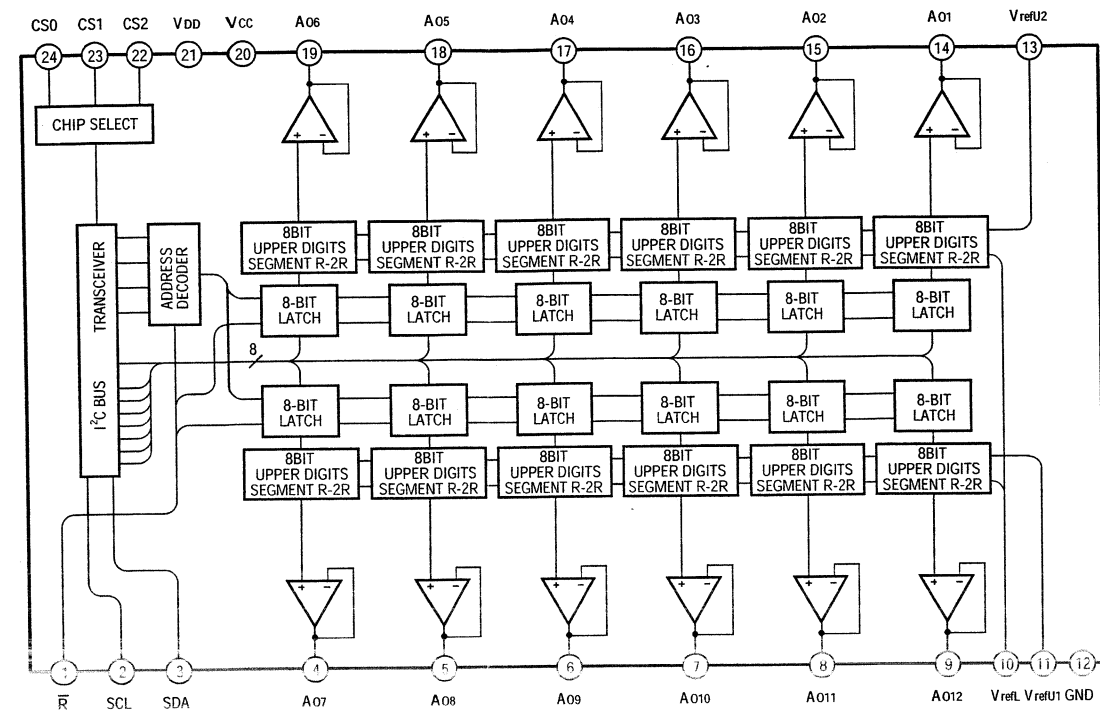
**C (7/19) M52347FP-TE (IC405)**



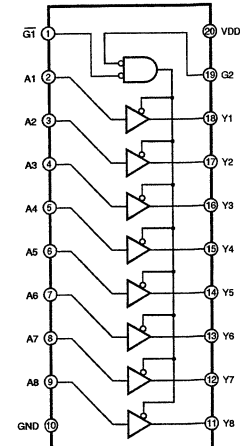
**C (12/19, 19/19) SN74LV125APWR (IC656, IC657, IC985, IC988)**



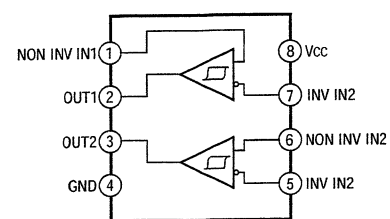
**C (13/19) M62392FP (IC708)**



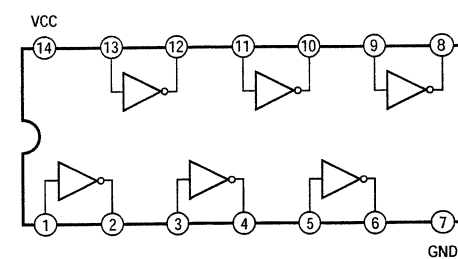
**C (9/19) SN74LV541APWR (IC501,, IC502, IC503, IC504, IC505, IC506,, IC507)**  
**C (13/19) SN74HCT541PWR (IC709, IC710, IC712)**



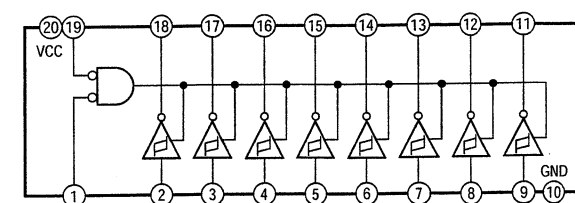
**C (7/19) SN75157PS-ELL (IC404)**



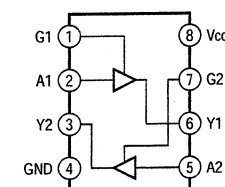
**C (13/19) TC74VHCT04AFT(EL) (IC711)**



**C (13/19) TC74VHCT540AFT(EL) (IC713)**

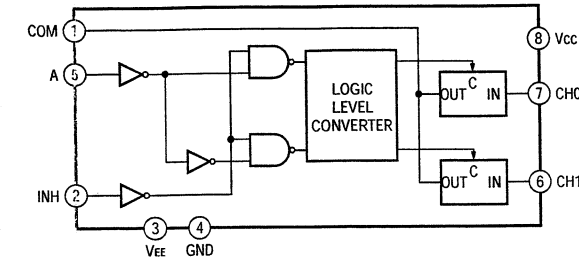


**C (12/19) TC7W126FU(TE12R) (IC652)**

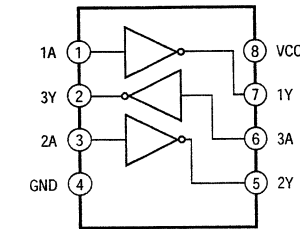


C C

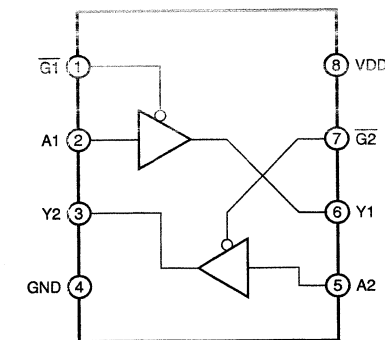
**C (7/19) TC7W53FK(TE85R) (IC403)**



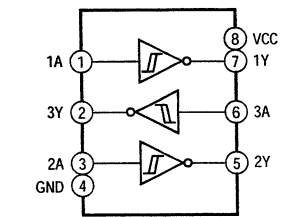
**C (19/19) TC7WH04FK(TE85R) (IC983)**



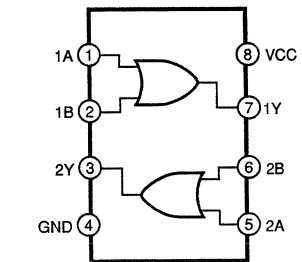
**C (13/19) TC7WH125FK (IC701)**



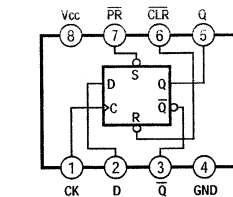
**C (19/19) TC7WH14FK(TE85R) (IC987)**



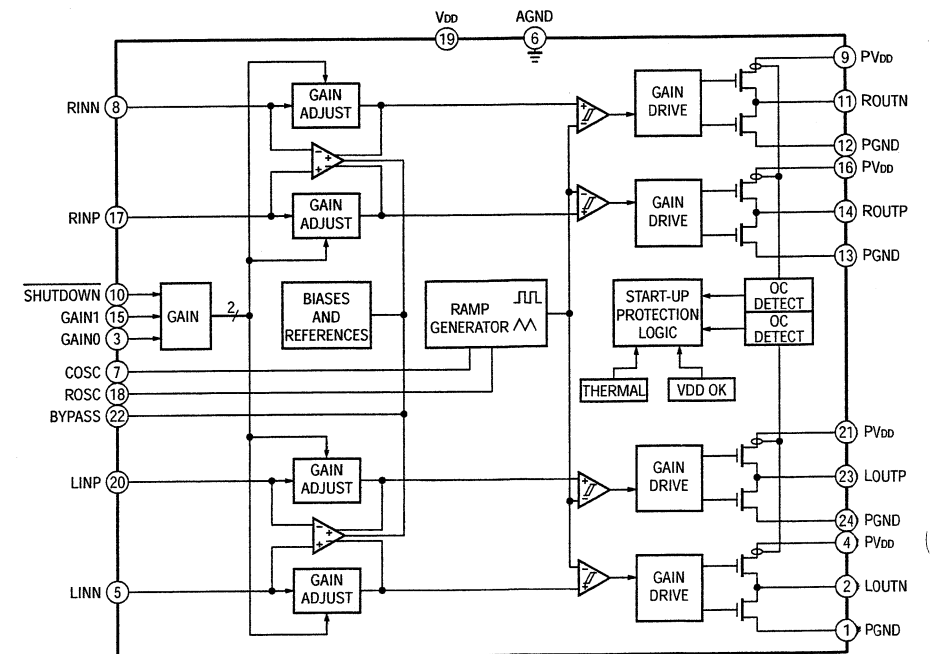
**C (19/19) TC7WH32FK(TE85R) (IC986)**

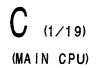


**C (19/19) TC7WH74FK(TE85R) (IC984)**  
**C (6/19) TC7WH74FU (IC353)**

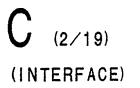


**C (17/19) TPA2000D2PWPR (IC901)**



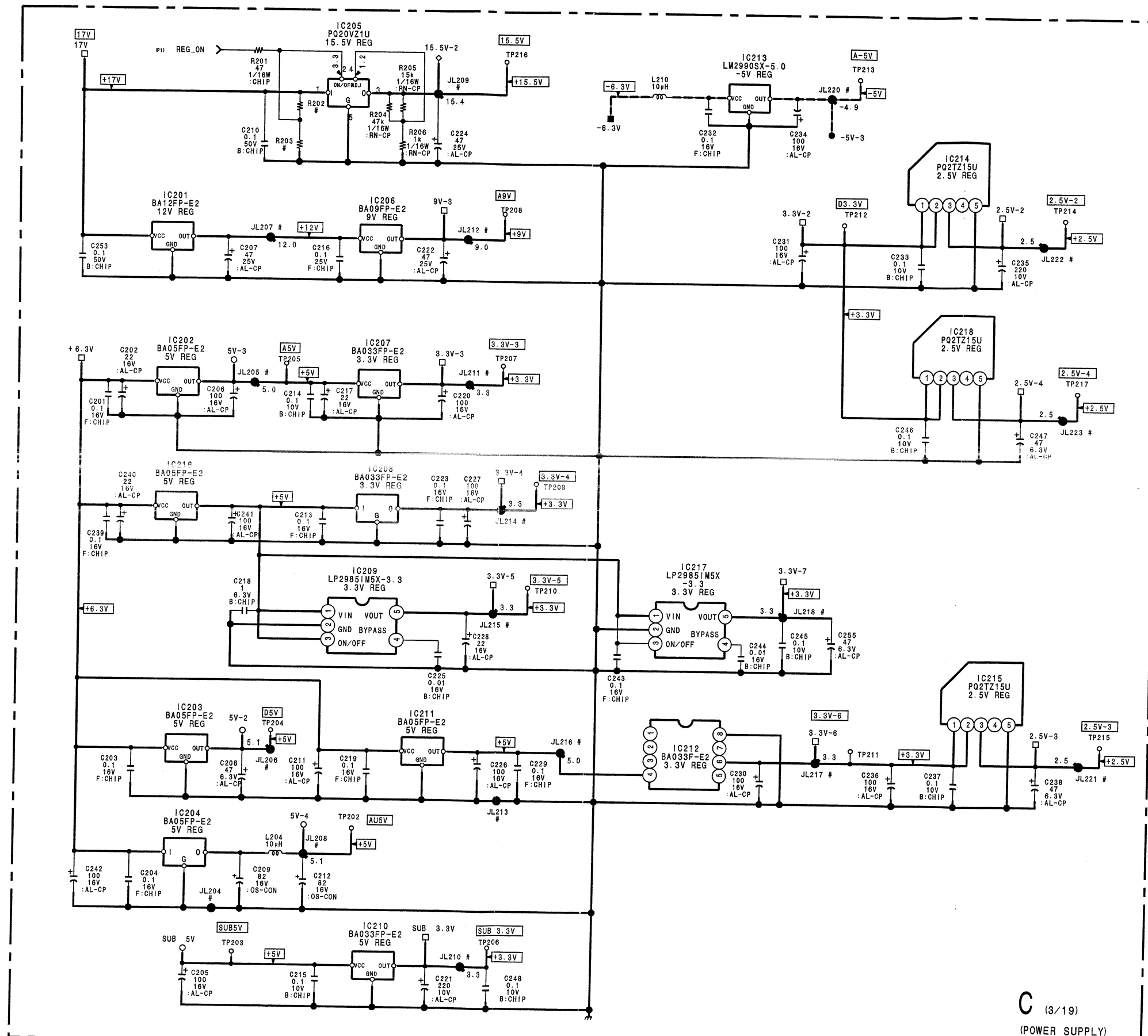


**C (2/19), U, V, NR**

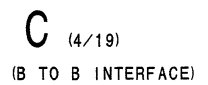


B-SS1738-WW-C-P2

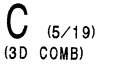
VP1-PX40



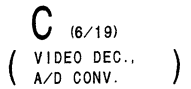
TO O BOARD (4/9)  
CN402



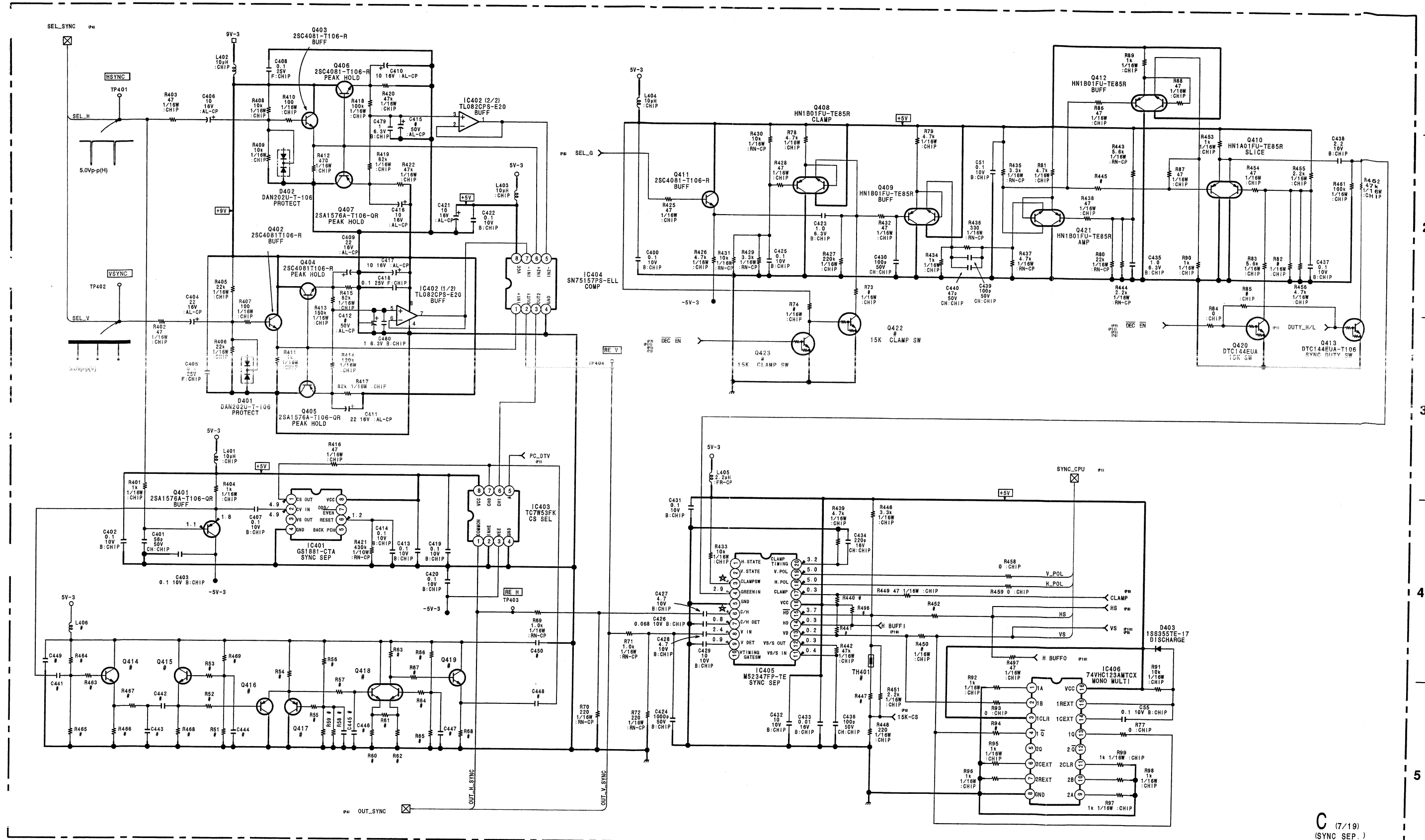


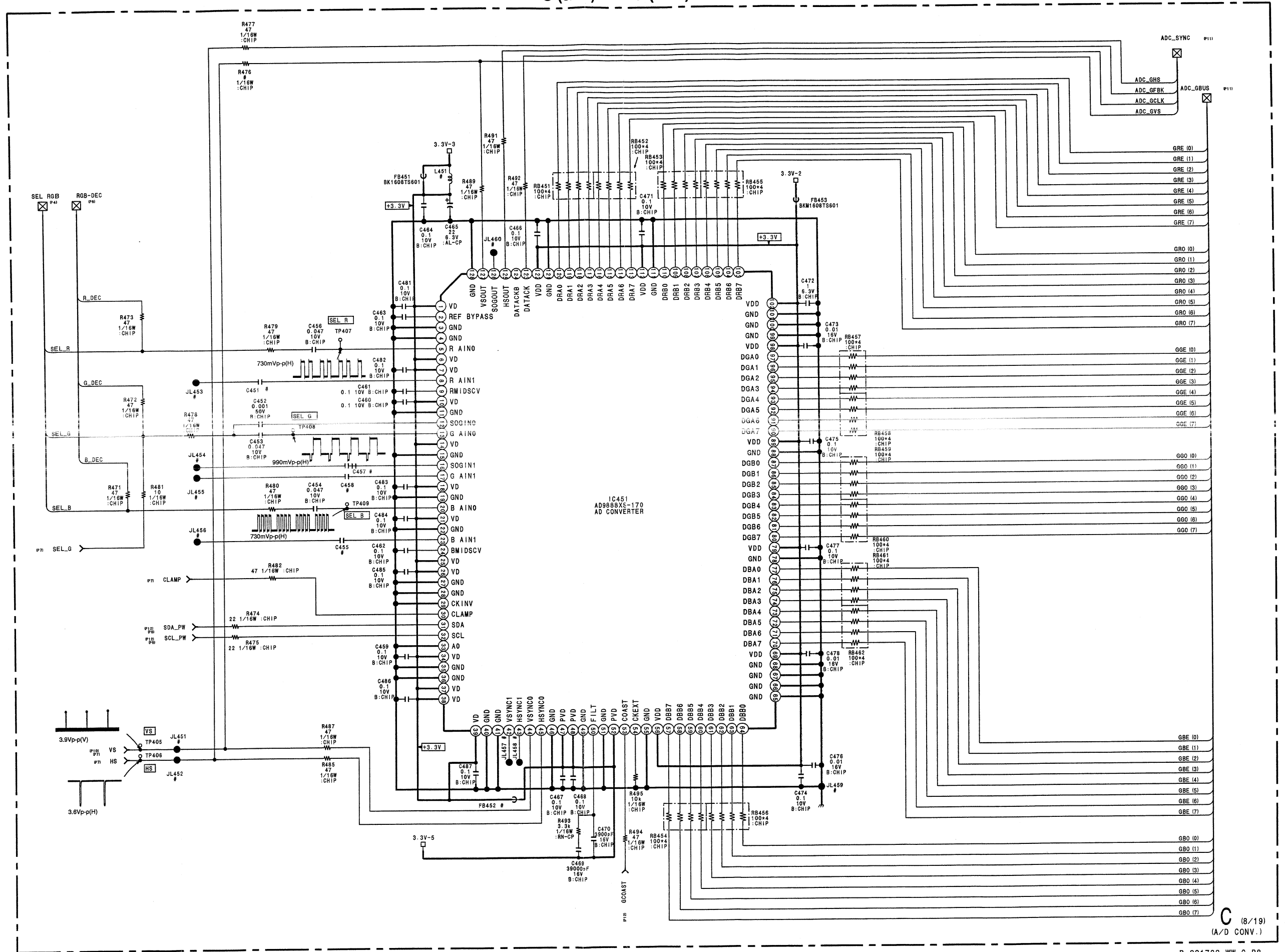


**C (6/19)**

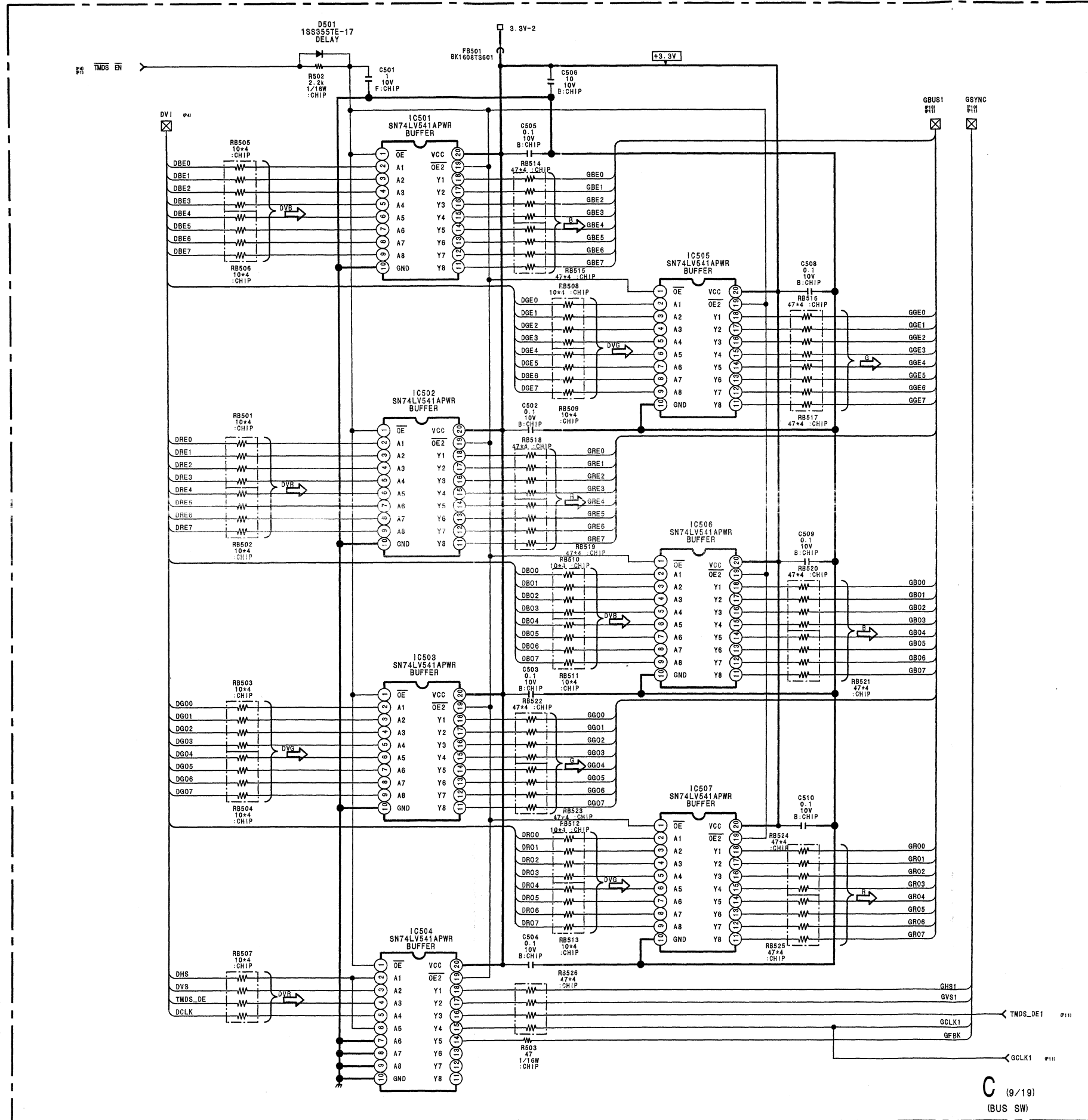


VPL-PX40

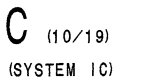


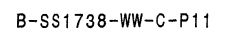


C (9/19) C (9/19)

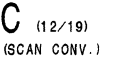


C (9/19)  
(BUS SW)

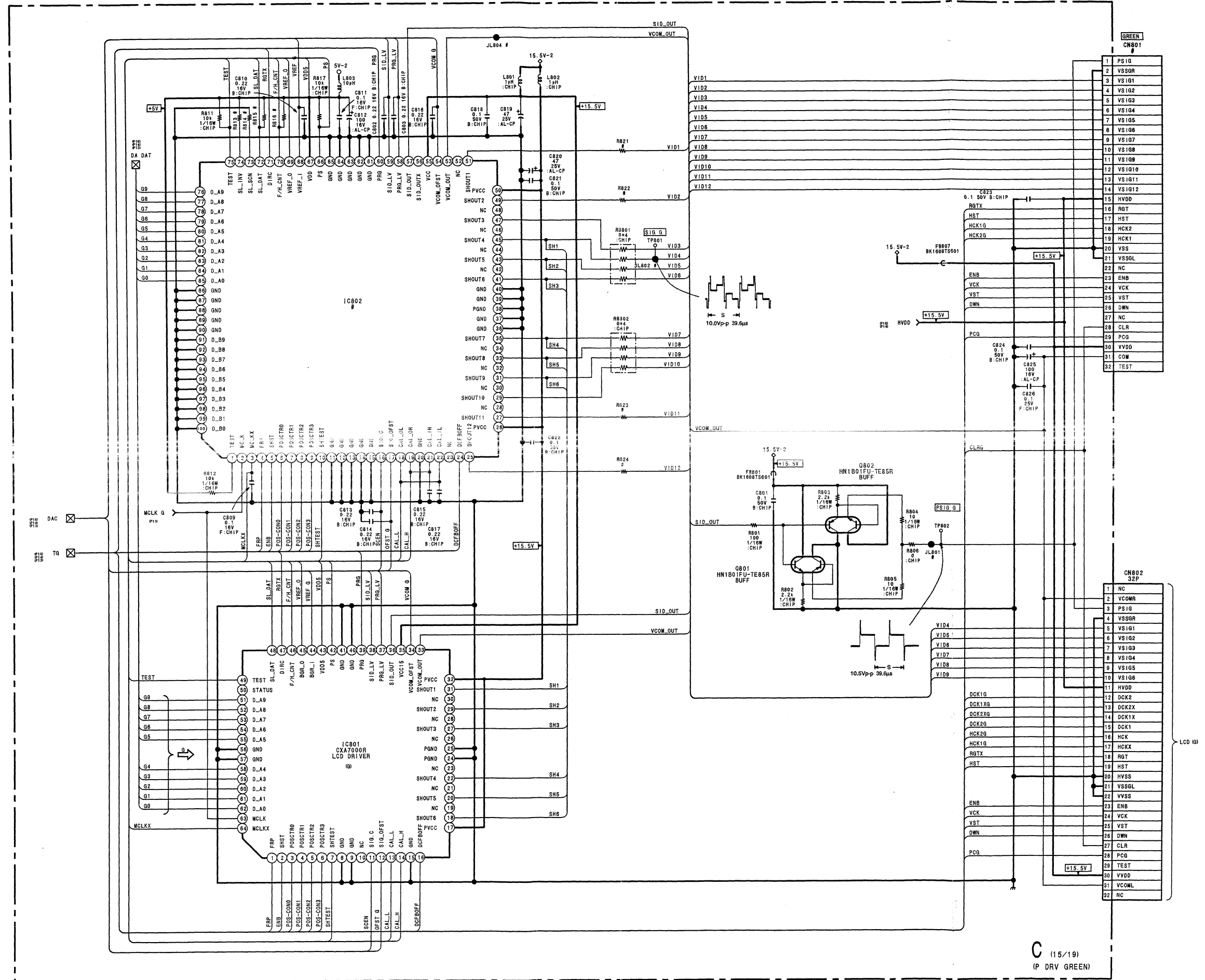


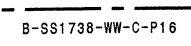


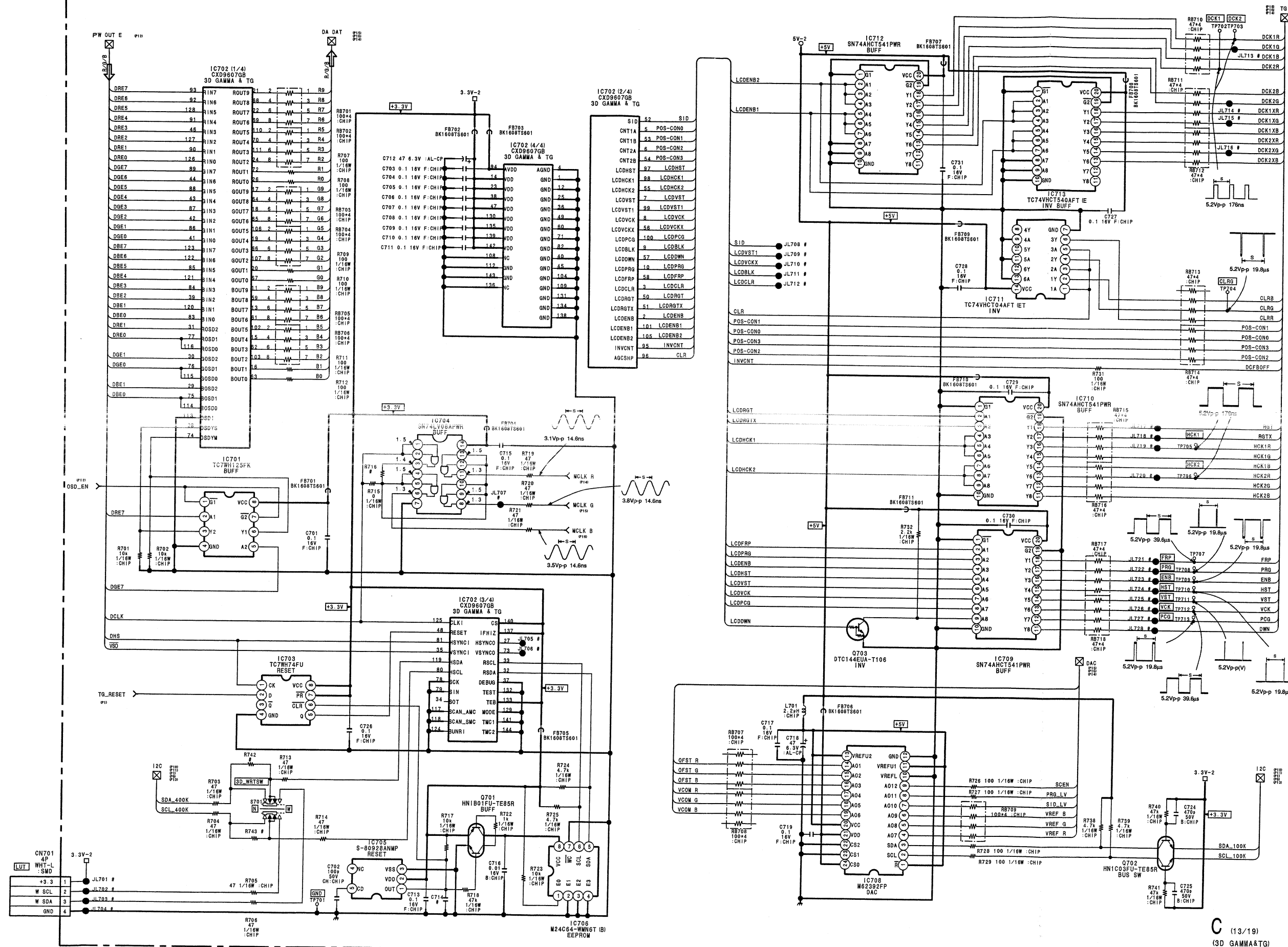


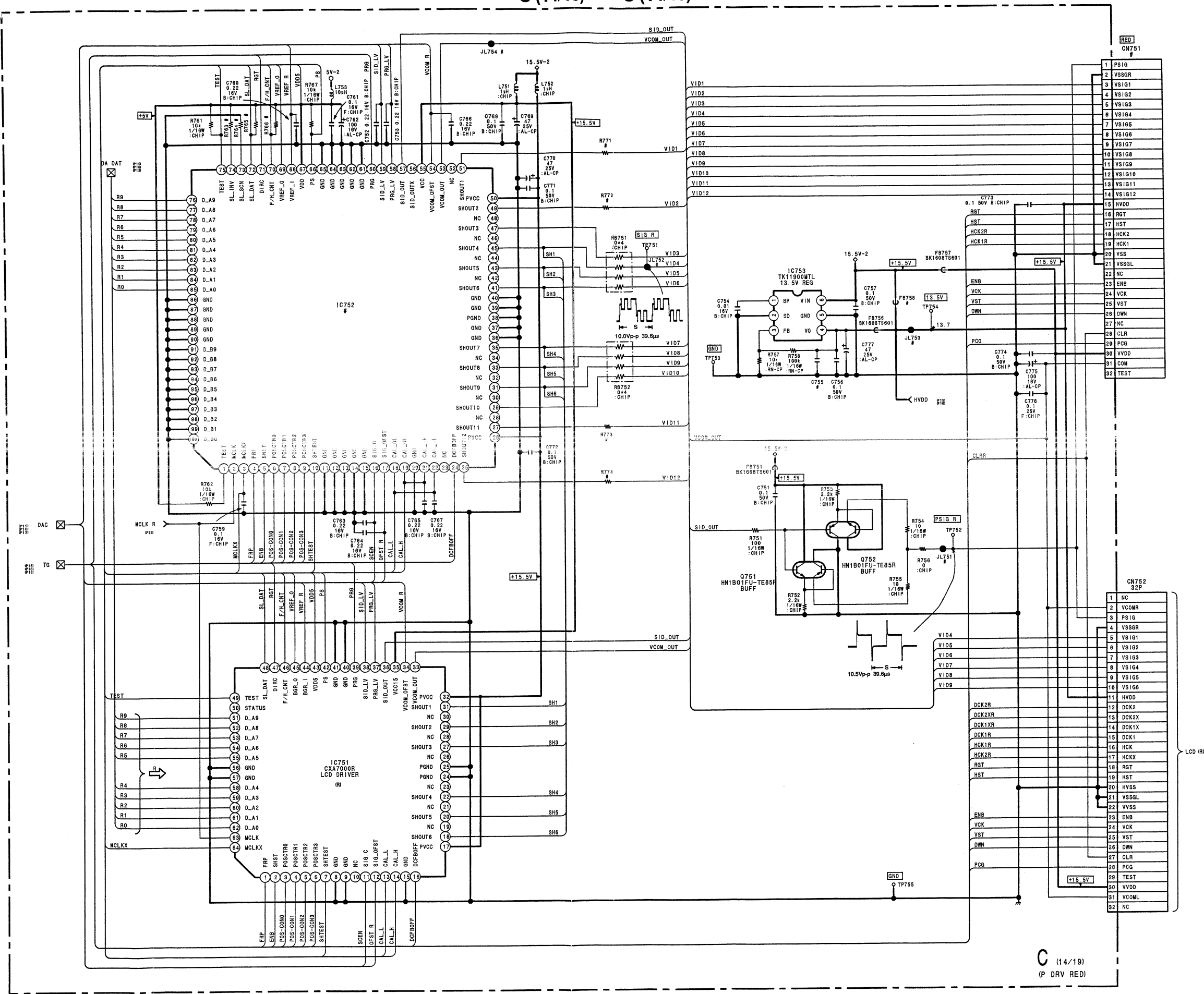




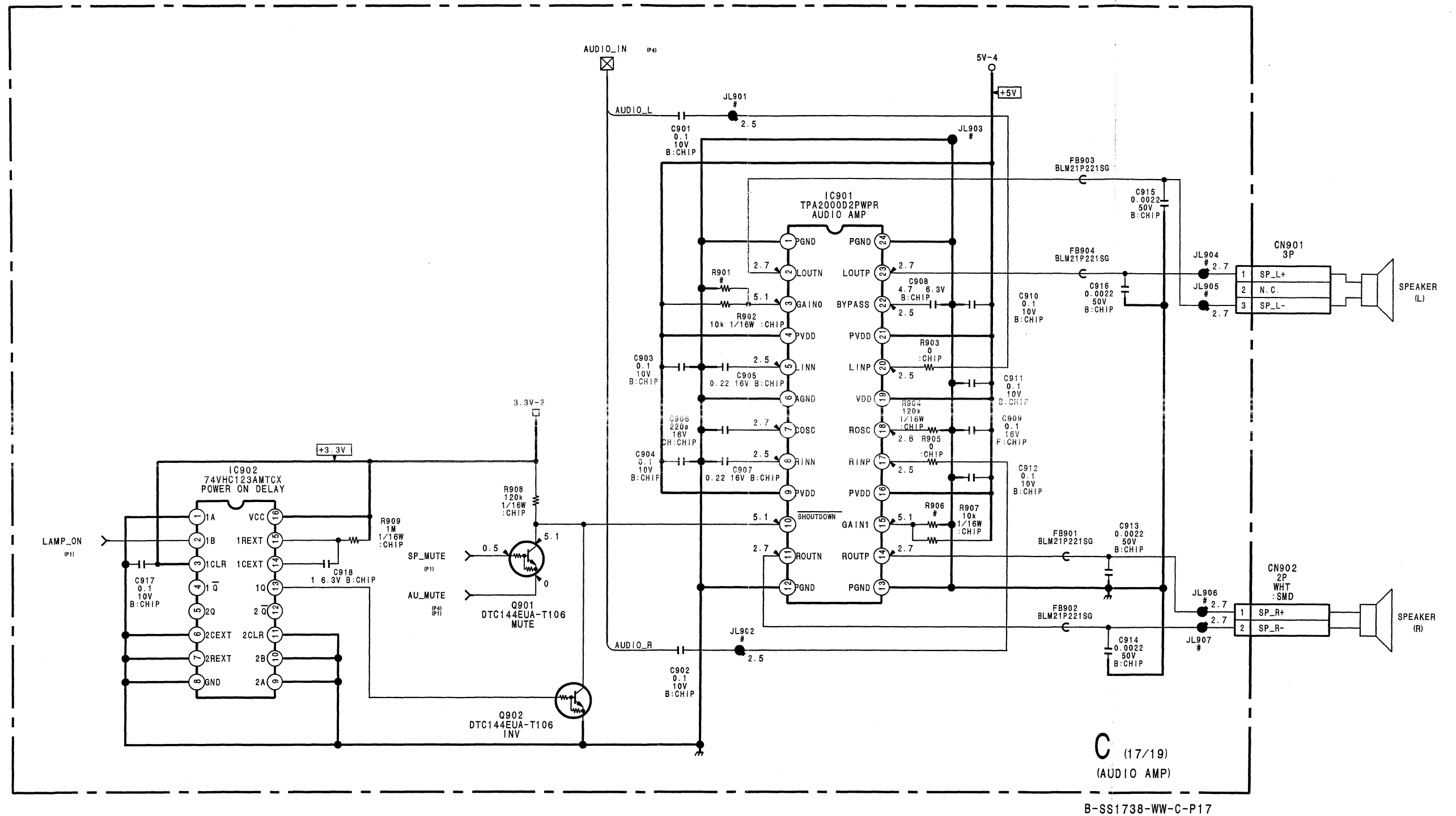




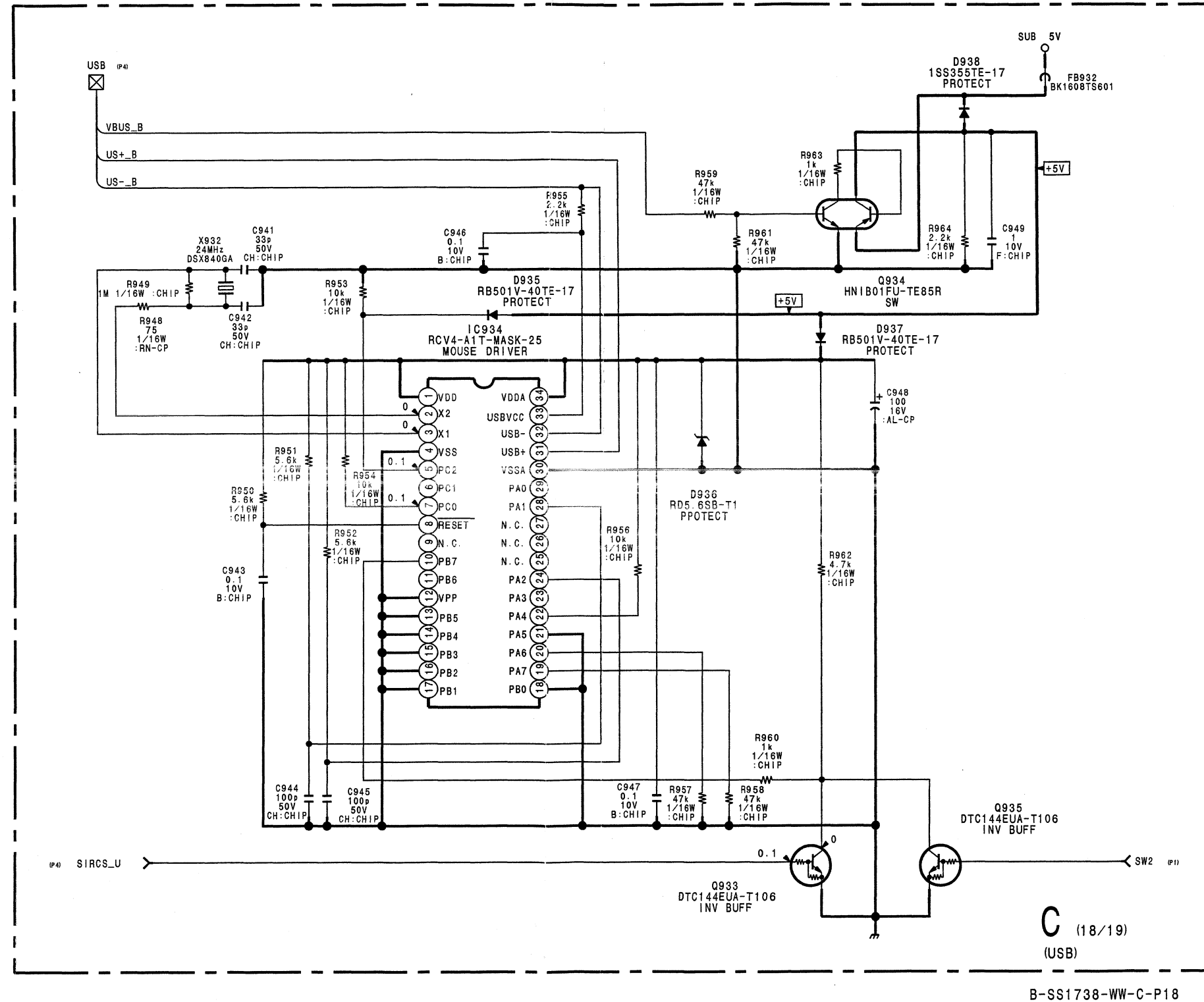


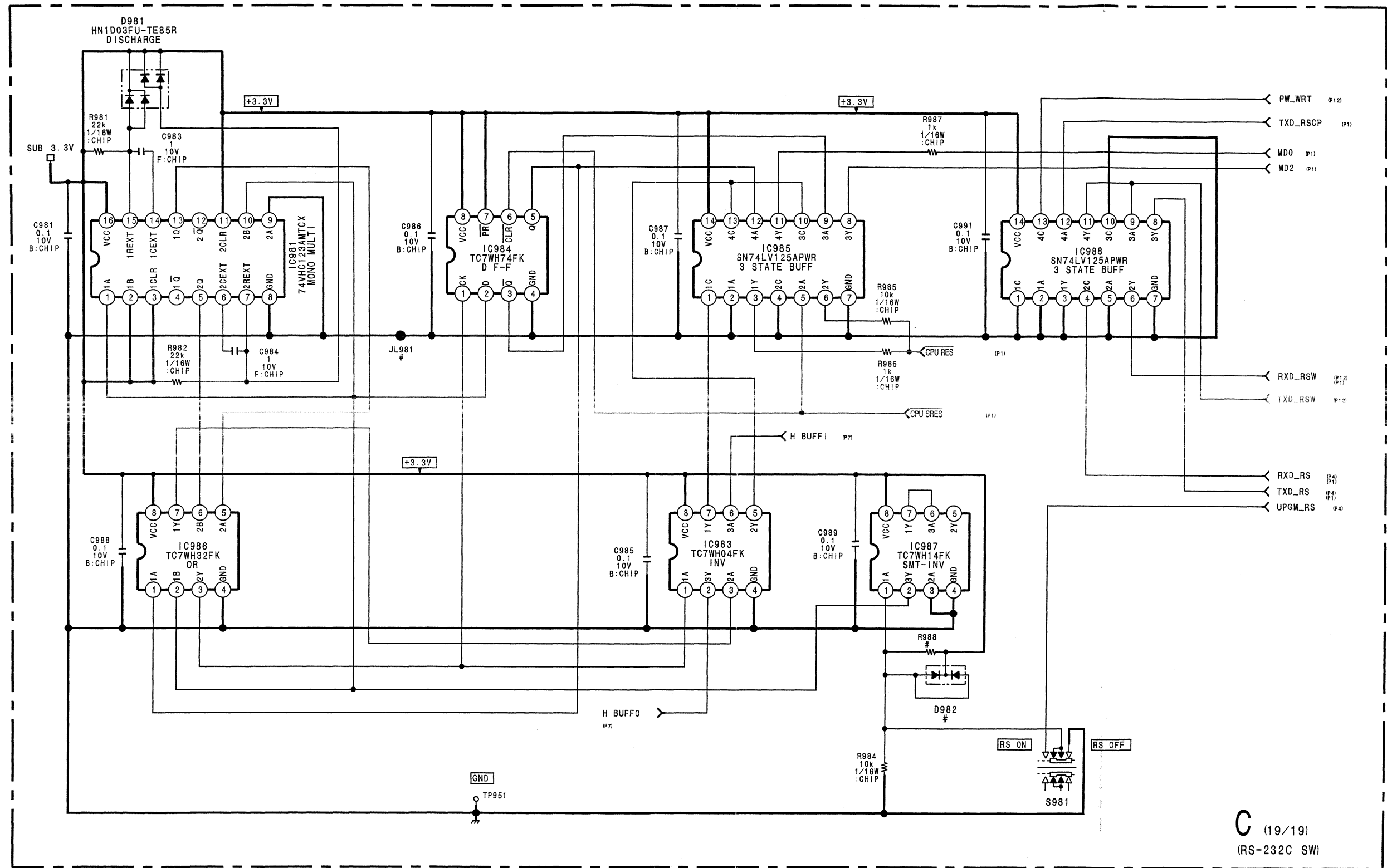


C (14/19)  
(P DRV RED)



1  
2  
3  
4  
5





C (19/19)  
(RS-232C SW)

B-SS1738-WW-C-P19

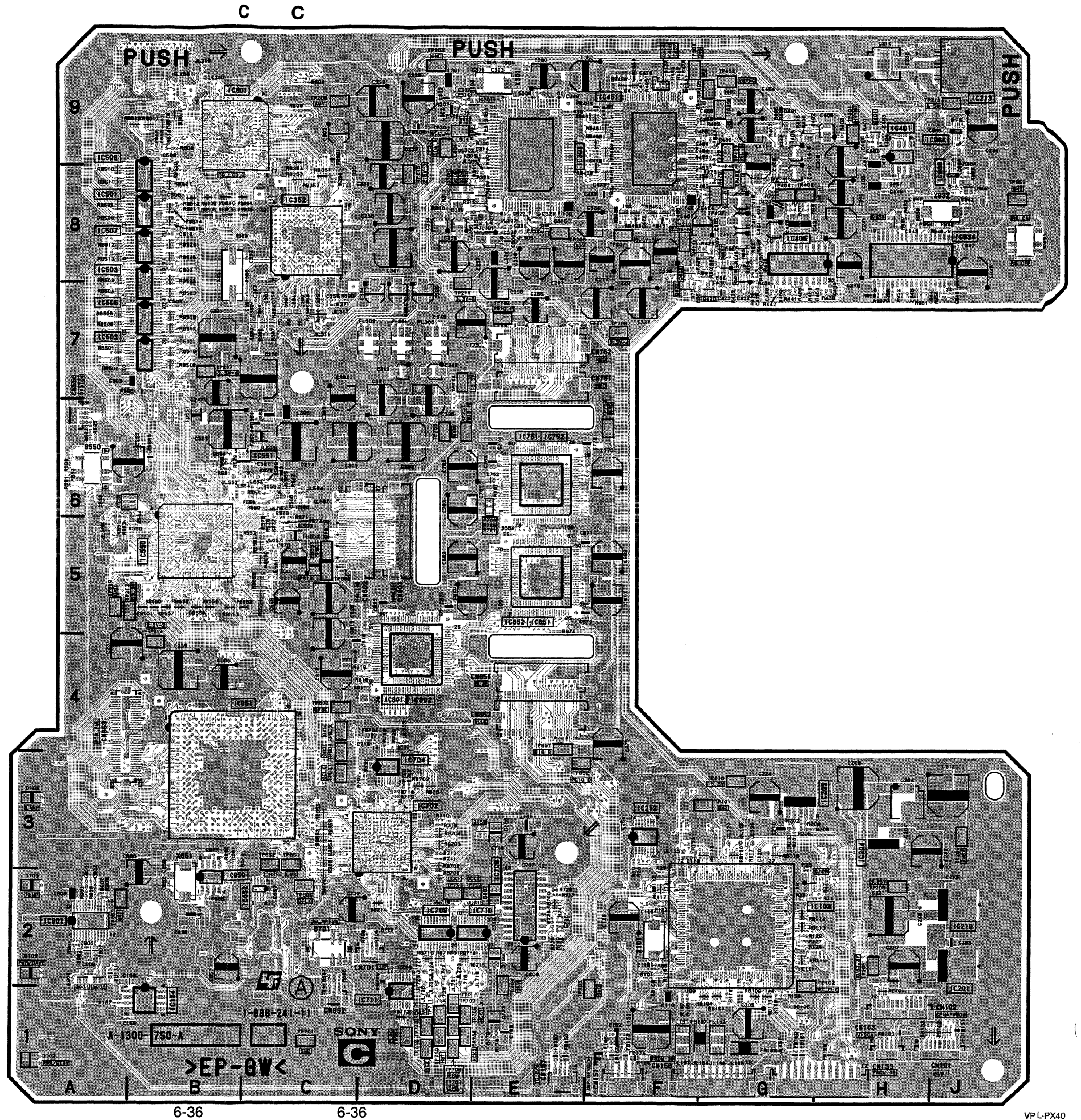


# C BOARD

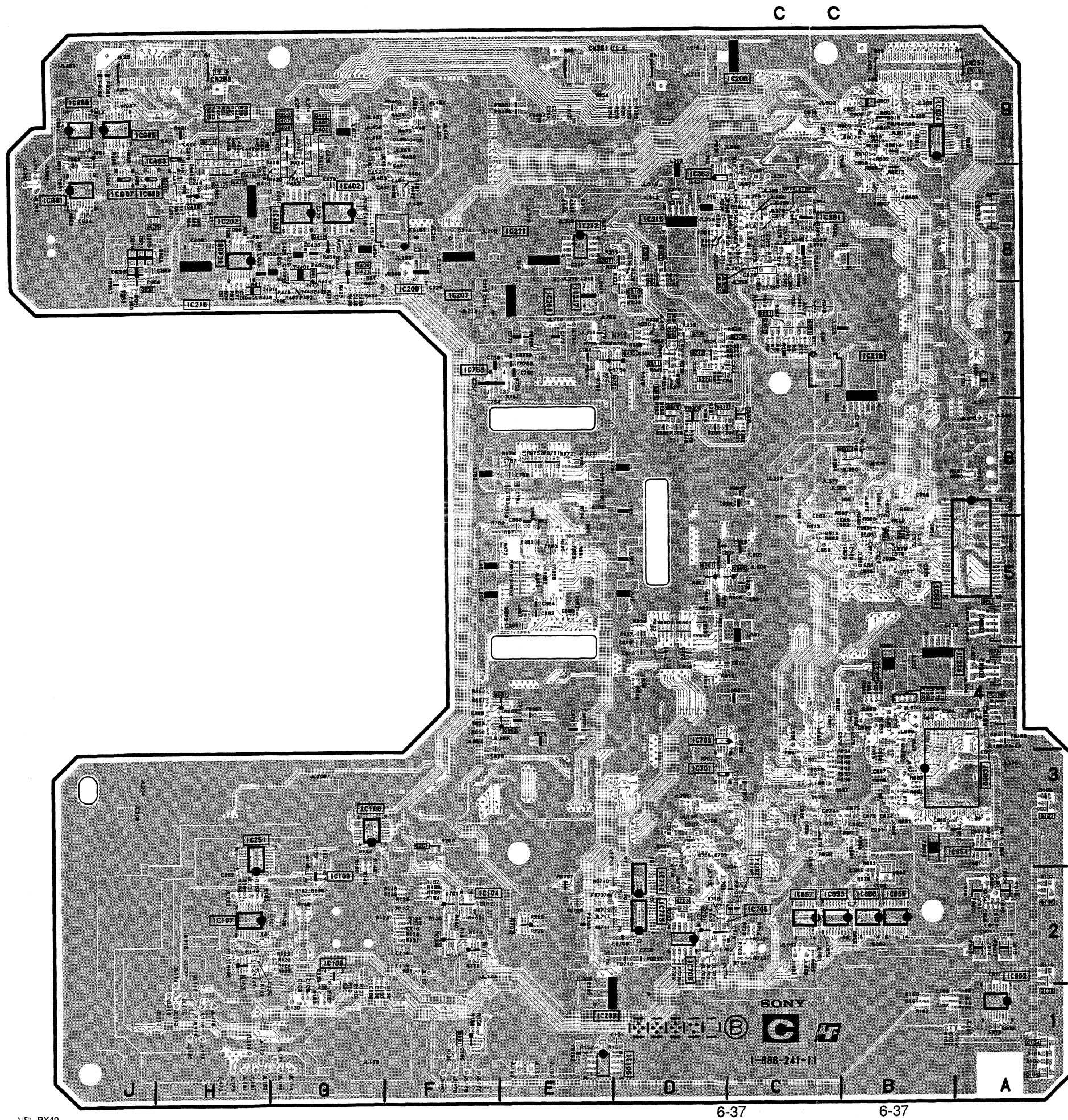
\*:B SIDE

D101	*F-2	IC712	*D-2	TP102	G-2
D102	A-1	IC713	*D-2	TP103	F-1
D103	A-2	IC751	E-6	TP202	J-3
D104	A-3	IC752	E-6	TP203	H-2
D105	A-2	IC753	*F-7	TP204	E-2
D152	F-1	IC801	D-4	TP205	E-8
D155	E-1	IC802	D-4	TP206	H-2
D156	E-2	IC851	E-5	TP207	F-8
D157	E-2	IC852	E-5	TP208	C-9
D158	E-3	IC901	A-2	TP209	F-7
D401	G-9	IC902	*A-1	TP210	F-8
D402	G-9	IC934	H-8	TP211	D-7
D403	*H-7	IC981	*J-8	TP212	A-5
D501	*A-7	IC983	*H-8	TP213	J-9
D601	*B-9	IC984	J-9	TP214	B-4
D652	*B-2	IC985	*J-9	TP215	D-8
D935	*H-8	IC986	J-8	TP216	G-3
D936	*J-8	IC987	*J-8	TP217	B-7
D937	*J-8	IC988	*J-9	TP301	F-9
D938	*J-8			TP302	D-9
D981	*J-9			TP303	D-9
D982	D-8			TP304	D-9
IC103	G-2	Q101	*F-2	TP401	H-9
IC104	*F-2	Q102	*F-2	TP402	G-9
IC105	*E-1	Q103	*H-2	TP403	G-8
IC106	*G-2	Q104	*A-1	TP404	G-8
IC107	*H-2	Q105	*A-1	TP405	G-9
IC108	*G-3	Q106	*A-2	TP406	G-9
IC109	*G-2	Q107	*A-3	TP407	G-8
IC154	B-1	Q108	*A-2	TP408	G-8
IC201	J-2	Q109	G-2	TP409	G-9
IC202	*H-8	Q151	*F-1	TP550	A-5
IC203	*E-1	Q153	E-3	TP601	C-3
IC204	H-3	Q251	*F-3	TP602	C-4
IC205	G-3	Q301	E-9	TP603	C-4
IC206	*C-9	Q302	*D-8	TP604	C-3
IC207	*F-8	Q303	*D-8	TP605	C-2
IC208	*E-7	Q304	D-8	TP651	C-3
IC209	*F-8	Q305	D-8	TP652	C-3
IC210	J-2	Q306	D-8	TP653	A-2
IC211	*E-8	Q307	*D-8	TP701	C-1
IC212	*E-8	Q308	*D-7	TP702	D-2
IC213	J-9	Q309	*C-7	TP703	D-2
IC214	*B-4	Q310	*D-7	TP704	D-1
IC215	*D-8	Q311	*D-7	TP705	D-1
IC216	*H-8	Q312	*D-7	TP706	D-1
IC217	*E-7	Q313	*D-7	TP707	D-1
IC218	*B-7	Q314	*D-7	TP708	D-1
IC251	*H-3	Q315	*D-6	TP709	D-1
IC252	F-3	Q316	*D-6	TP710	D-1
IC301	E-9	Q317	*D-6	TP711	D-1
IC351	*C-8	Q351	*C-7	TP712	D-1
IC352	C-8	Q352	*C-7	TP713	D-1
IC353	*D-8	Q353	*C-7	TP751	D-6
IC401	H-9	Q401	H-9	TP752	E-7
IC402	*G-8	Q402	*G-9	TP753	F-6
IC403	*H-9	Q403	*G-9	TP754	D-7
IC404	*G-8	Q404	*G-9	TP755	D-6
IC405	G-8	Q405	*G-9	TP801	C-5
IC406	*H-8	Q406	*G-9	TP802	C-5
IC451	F-9	Q407	*G-8	TP851	E-4
IC501	B-8	Q408	*G-8	TP852	E-3
IC502	B-7	Q409	*G-8	TP951	J-8
IC503	B-8	Q410	*G-8		
IC504	*B-9	Q411	F-8		
IC505	B-7	Q412	G-8		
IC506	B-8	Q413	*G-8		
IC507	B-8	Q414	*H-9		
IC550	B-5	Q415	*H-8		
IC551	C-6	Q416	*H-8		
IC552	*A-5	Q417	*H-8		
IC601	B-9	Q418	*H-8		
IC651	B-3	Q419	*H-8		
IC652	C-2	Q420	G-7		
IC653	*C-2	Q421	*G-8		
IC654	*A-3	Q422	F-7		
IC655	*B-2	Q423	F-8		
IC656	*B-2	Q501	*B-6		
IC657	*C-2	Q701	*D-2		
IC659	B-2	Q702	*E-2		
IC660	*B-3	Q703	*D-2		
IC701	*D-3	Q751	*E-7		
IC702	D-3	Q752	*D-7		
IC703	*D-4	Q801	*D-5		
IC704	D-3	Q802	*C-5		
IC705	*C-2	Q851	*E-4		
IC706	*D-2	Q901	A-2		
IC708	E-2	Q902	A-2		
IC709	D-2	Q933	H-8		
IC710	D-2	Q934	*J-8		
IC711	D-1	Q935	*H-8		
		TP101	G-3		

C -A SIDE-  
SUFFIX: -11







VPL-PX40

6-37

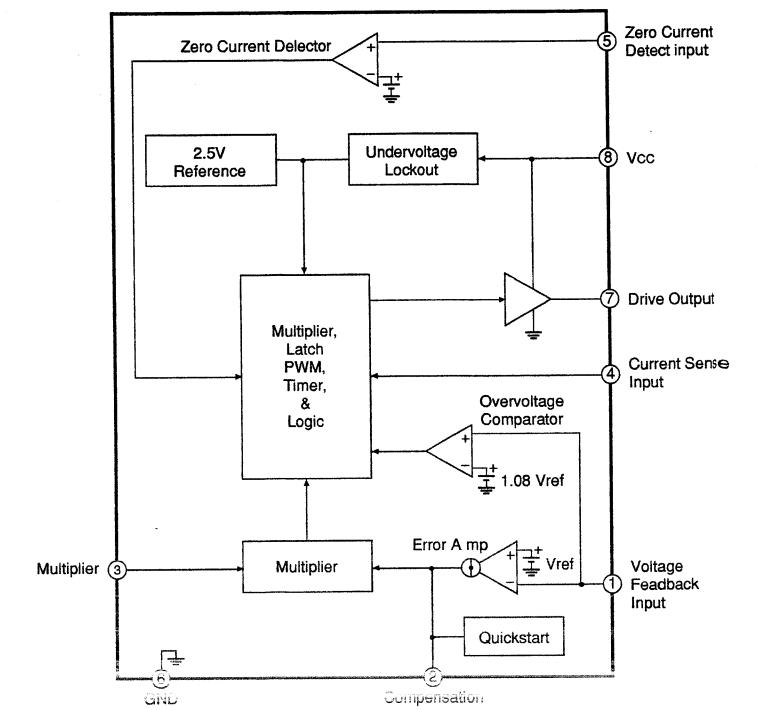
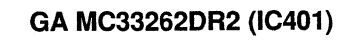
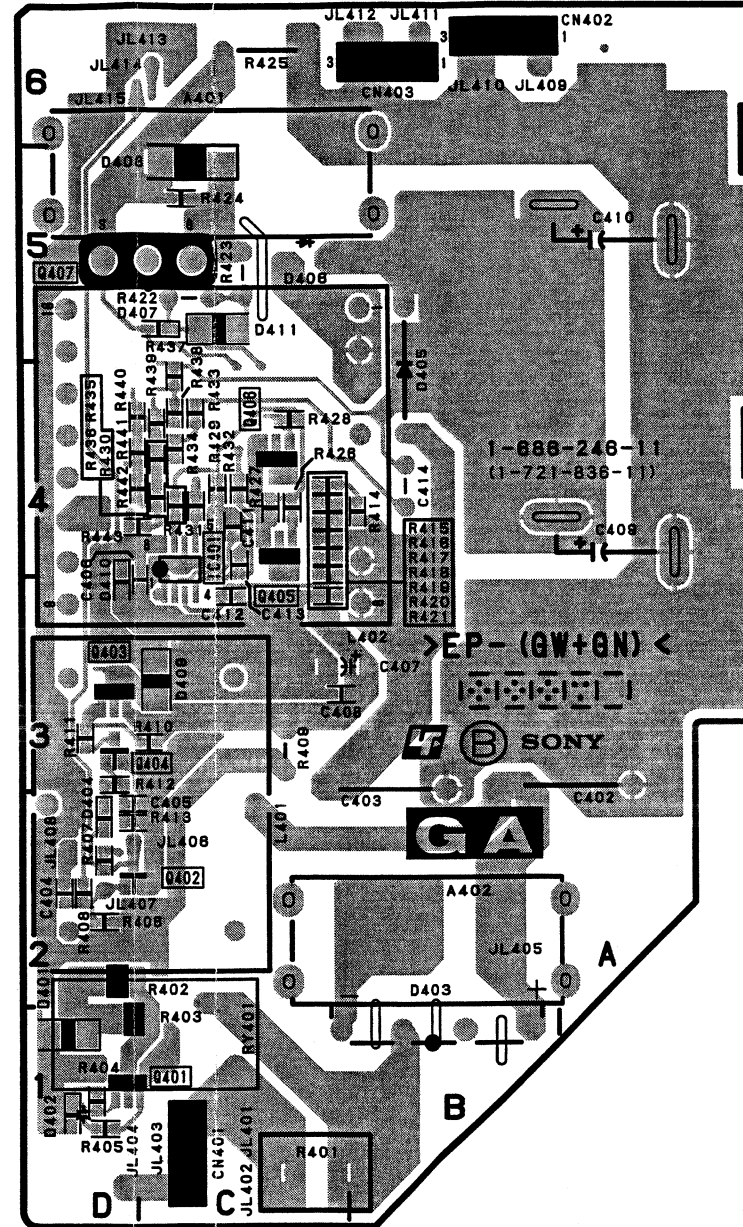
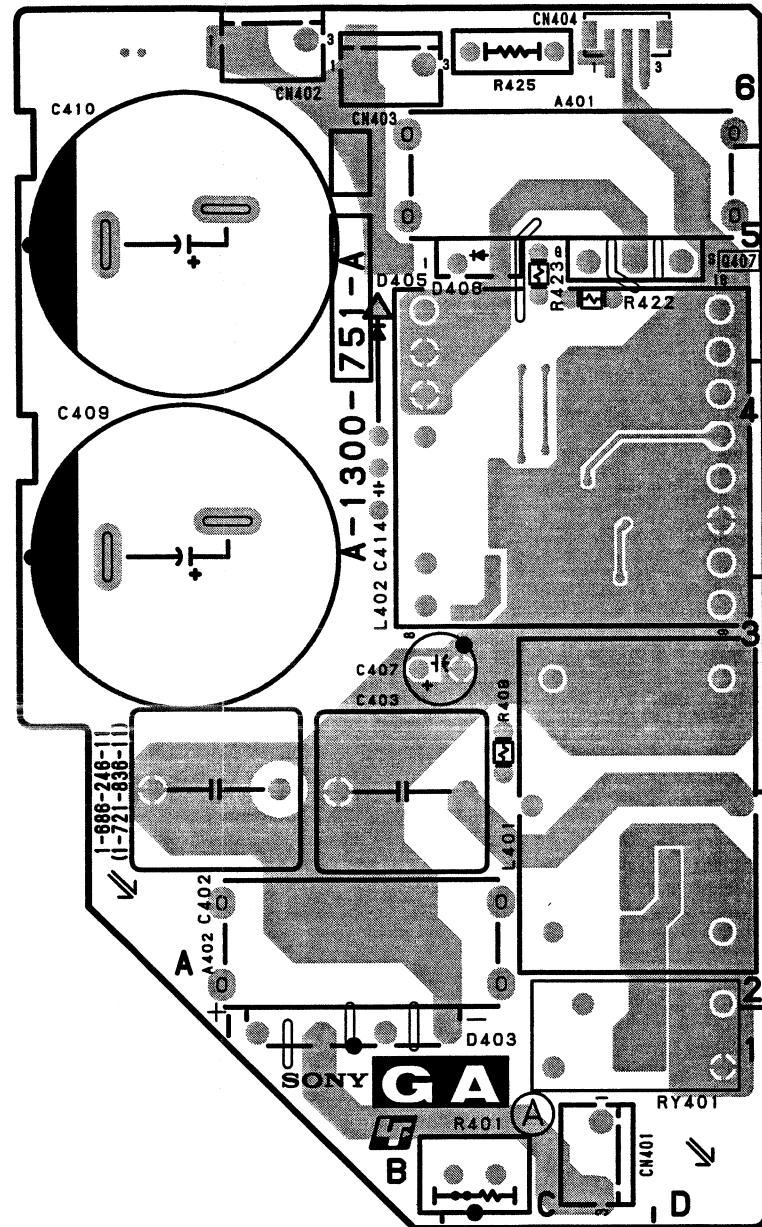
6-37

C-B SIDE-  
SUFFIX: -11

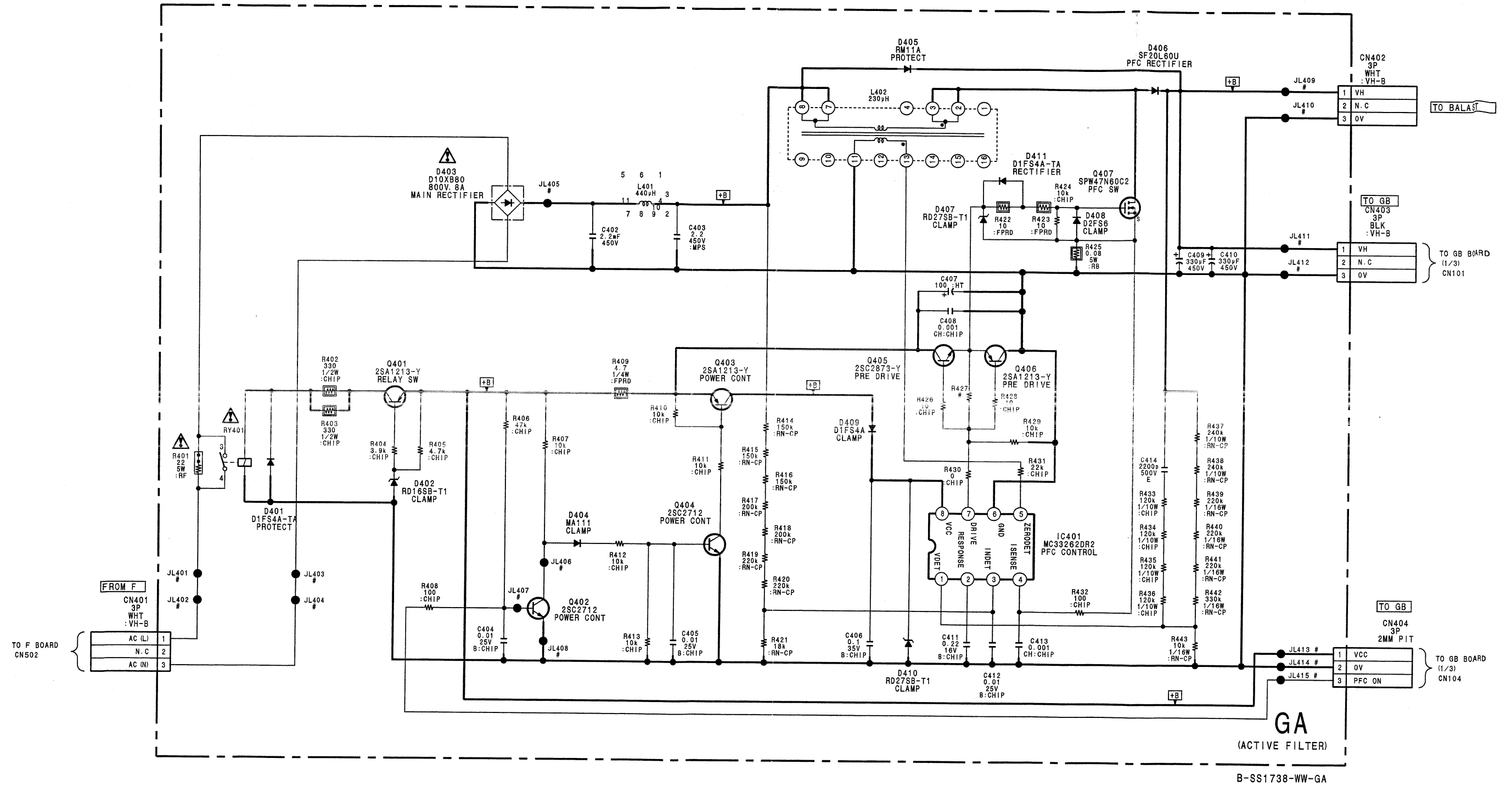
\*:B SIDE

D401	* D-1
D402	* D-1
D403	C-1
D404	* D-2
D405	B-5
D406	C-5
D407	* C-5
D408	* C-5
D409	* C-3
D410	* D-3
D411	* C-5

IC401	* C-4
Q401	* D-1
Q402	* D-2
Q403	* D-3
Q404	* D-3
Q405	* C-4
Q406	* C-4
Q407	D-5



GA GA



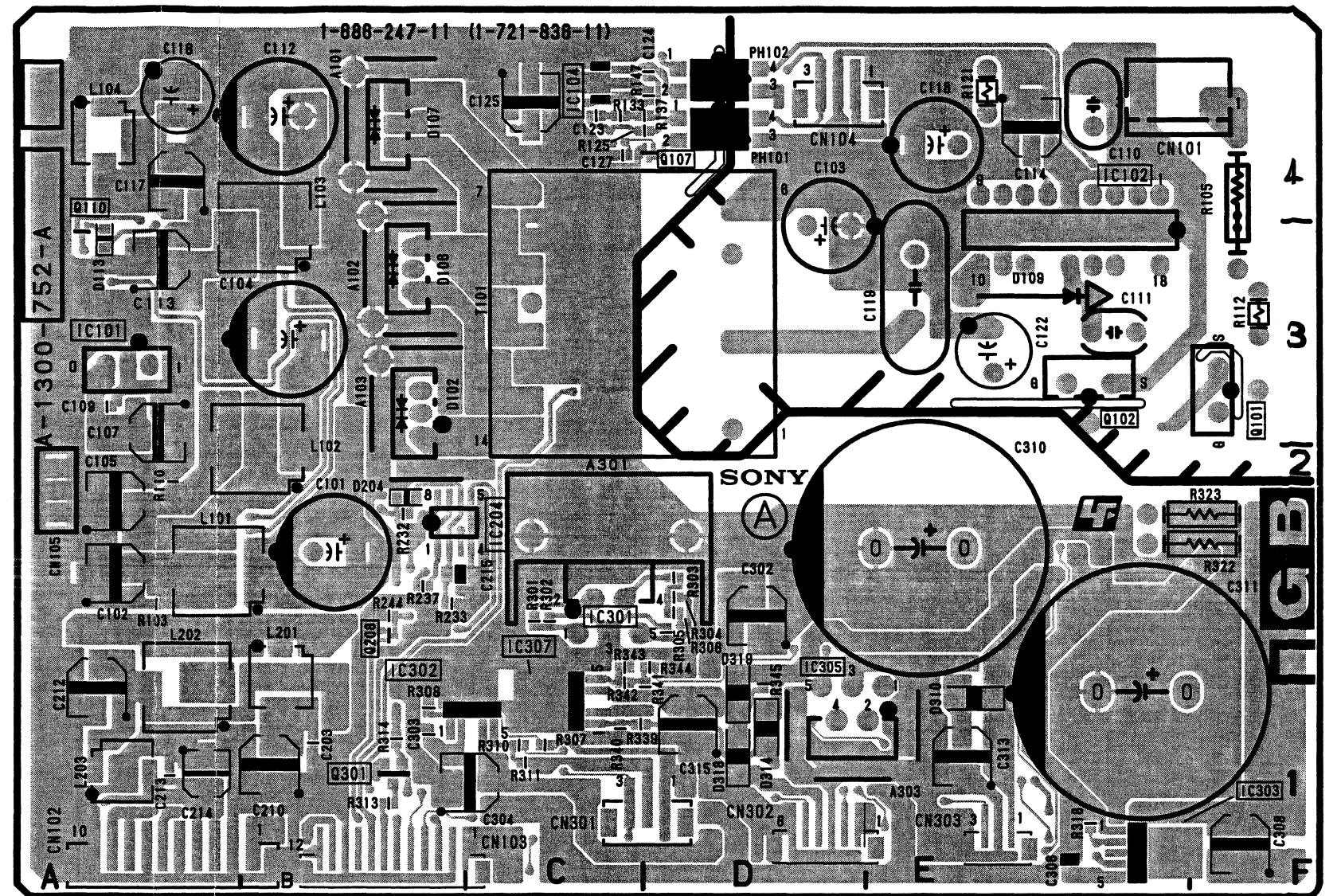


GB GB

# GB BOARD

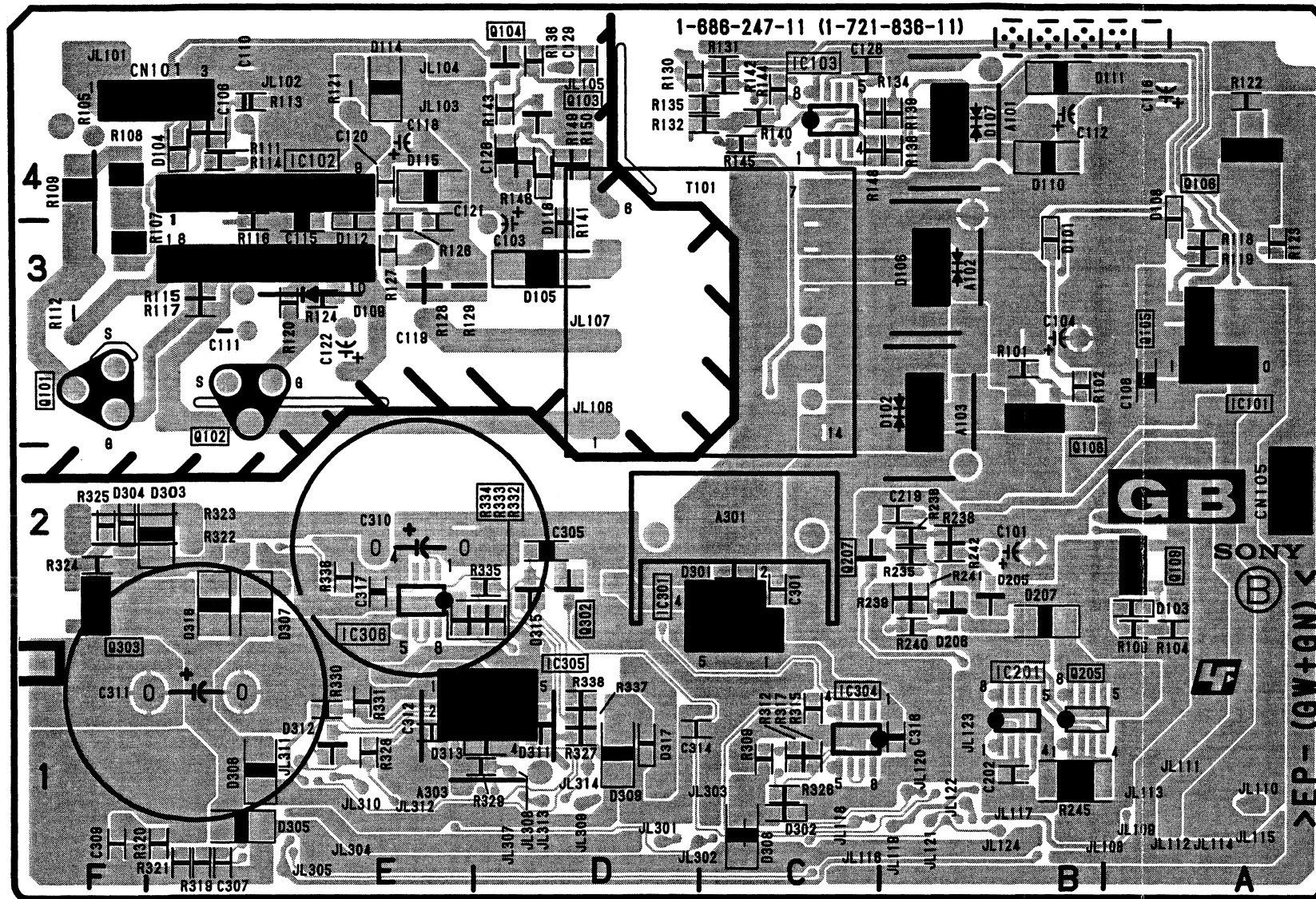
\*:B SIDE

D101	*B-3
D102	B-3
D103	*A-2
D104	*B-4
D105	*D-3
D106	B-3
D107	B-4
D108	*A-4
D109	E-3
D110	*B-4
D111	*B-4
D112	*E-3
D113	A-3
D114	*E-4
D115	*E-4
D116	*D-4
D204	B-2
D205	*B-2
D206	*B-2
D207	*B-2
D301	*C-2
D302	*C-1
D303	*E-2
D304	*F-2
D305	*E-1
D306	*E-1
D307	*E-2
D308	*C-1
D309	*D-1
D310	E-1
D311	*D-1
D312	*E-1
D313	*E-1
D314	D-1
D315	*D-2
D316	*F-2
D317	*D-1
D318	D-1
D319	D-1
IC101	A-3
IC102	E-3
IC103	*C-4
IC104	C-4
IC201	*B-1
IC204	B-2
IC301	C-2
IC302	B-1
IC303	E-1
IC304	*C-1
IC305	D-1
IC306	*E-2
IC307	C-1
Q101	F-3
Q102	E-3
Q103	*D-4
Q104	*D-4
Q105	*A-3
Q106	*A-4
Q107	D-4
Q108	*B-3
Q109	*A-2
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Q208	B-2
Q301	B-1
Q302	*D-2
Q303	*F-2

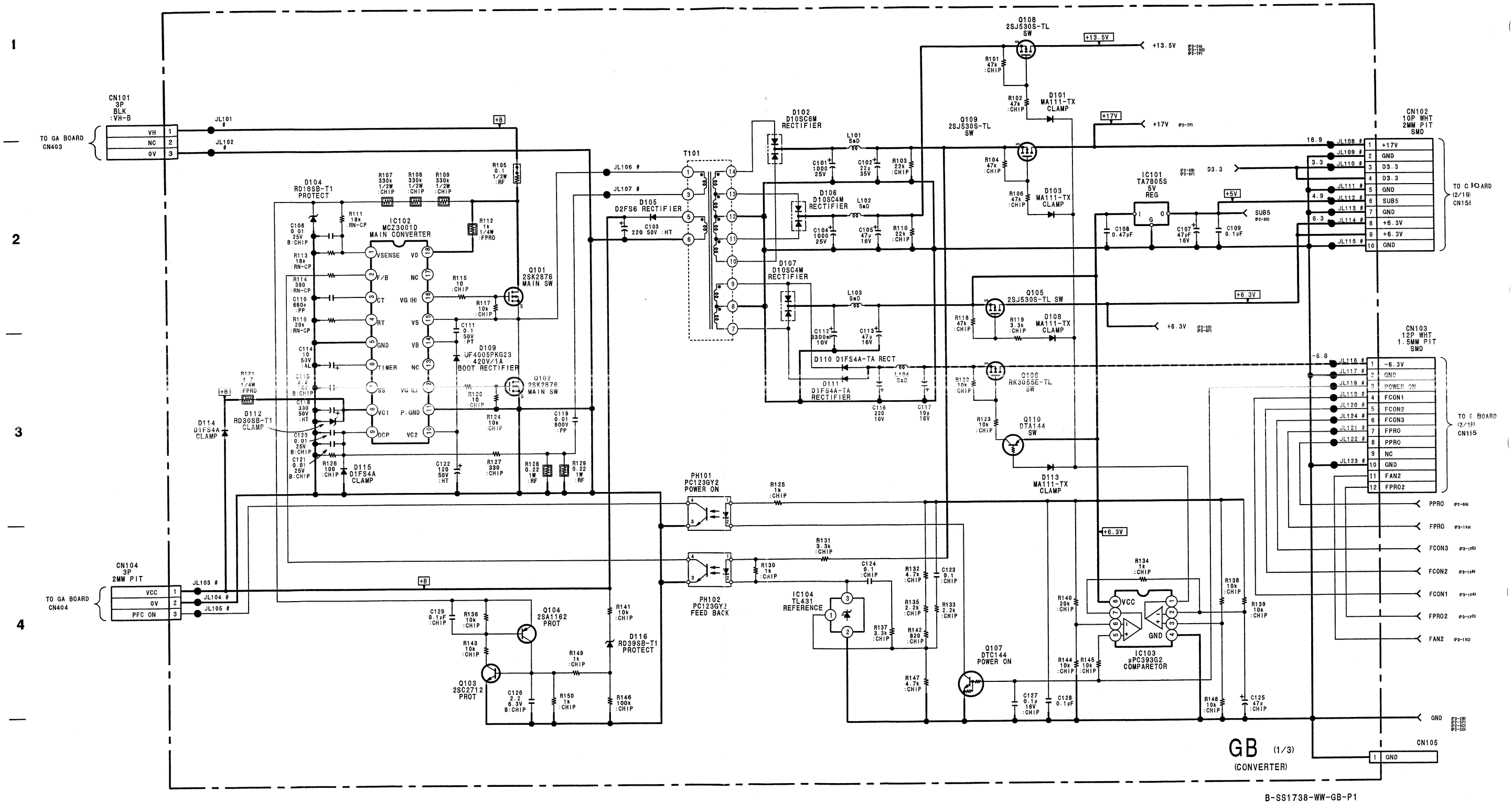


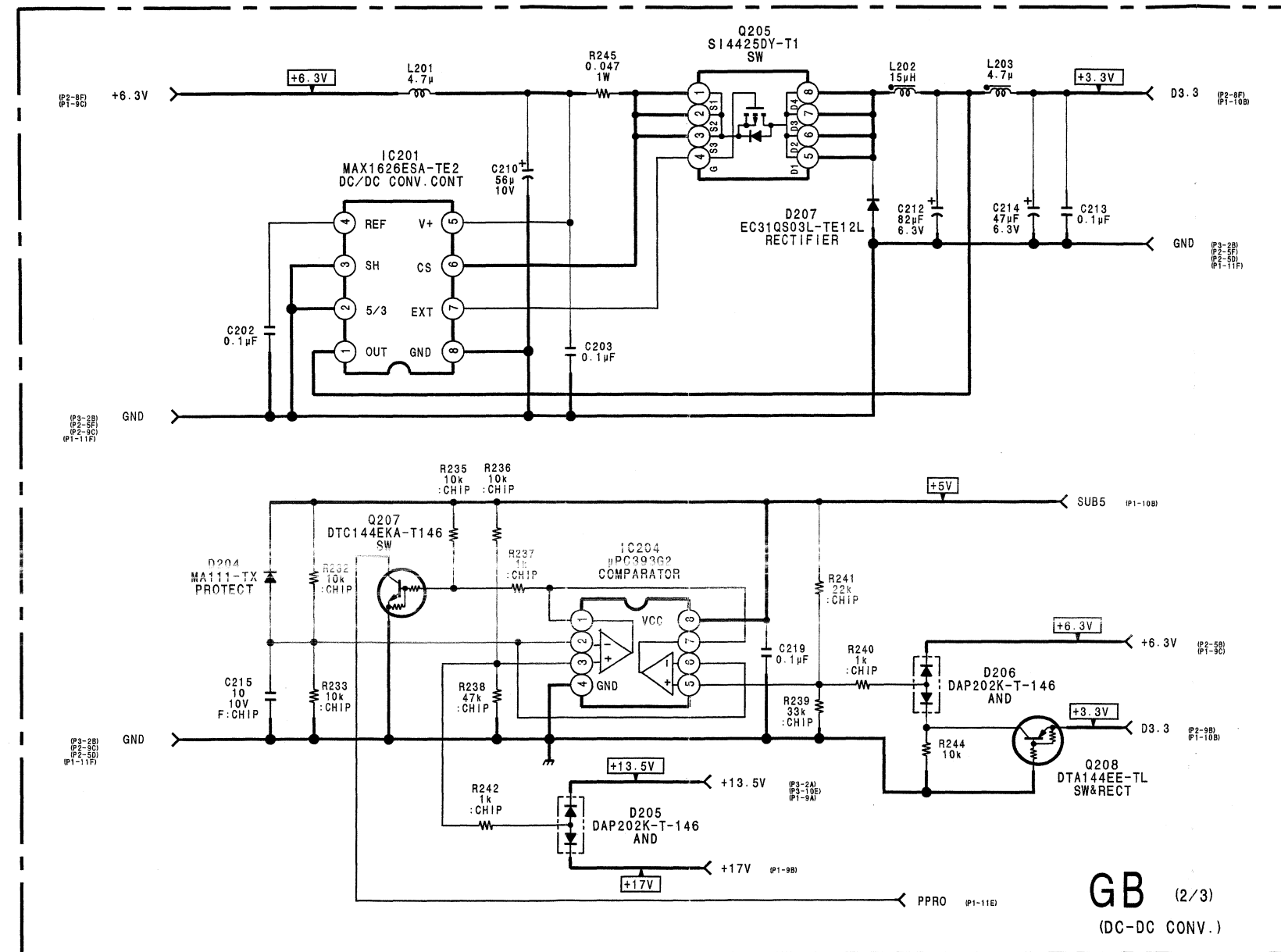
GB -A SIDE-  
SUFFIX: -11

**GB GB**

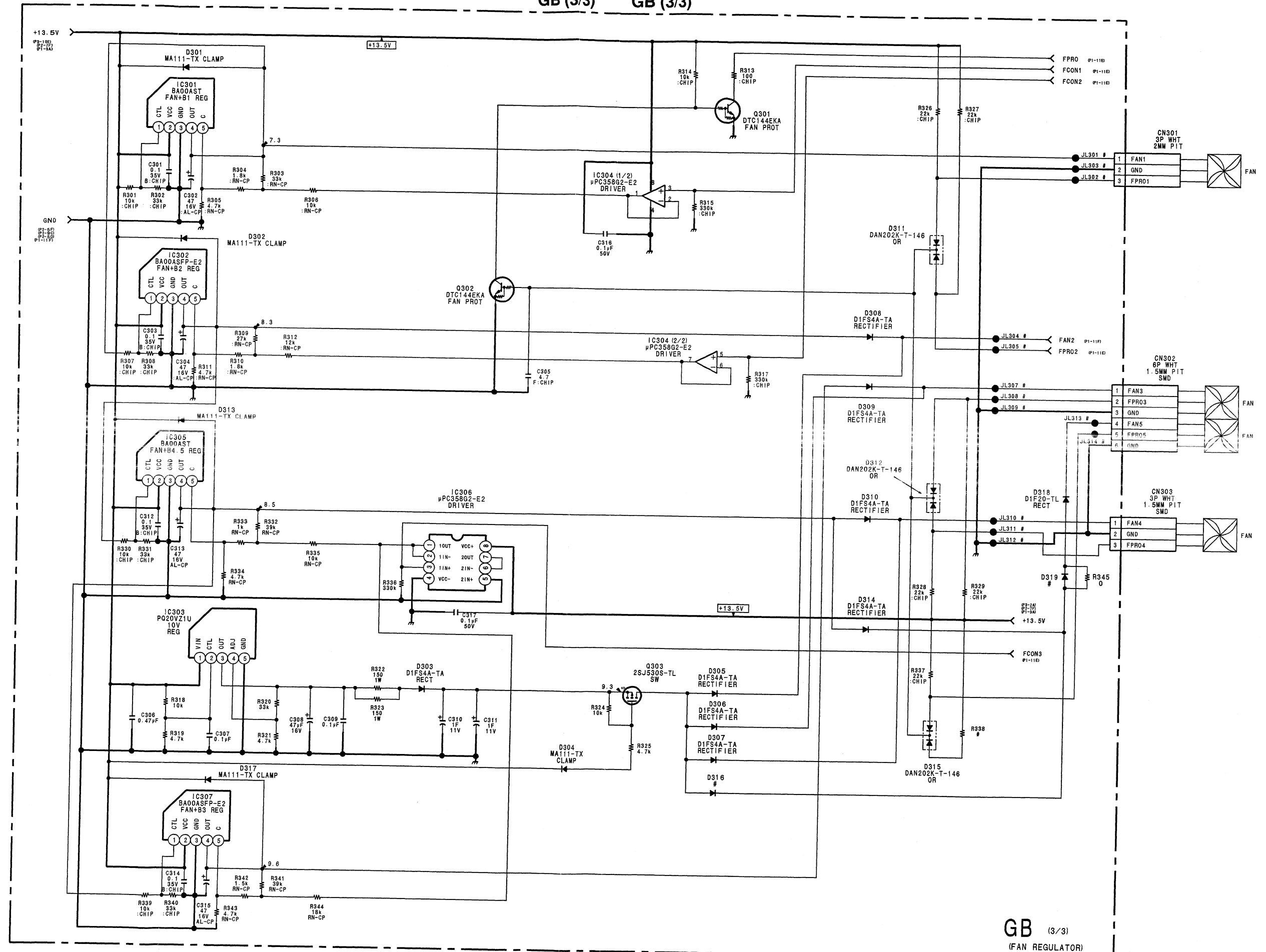


**GB -B SIDE-**  
SUFFIX: -11



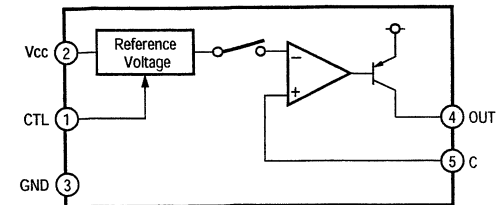


B-SS1738-WW-GB-P2

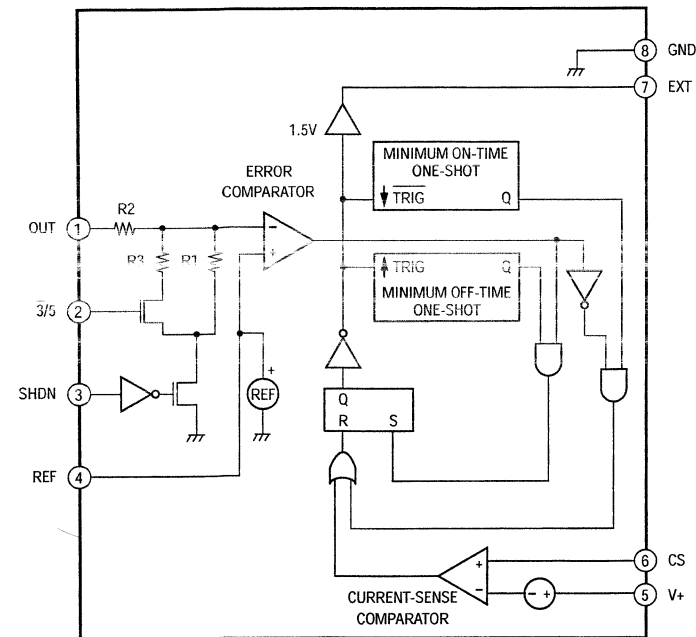




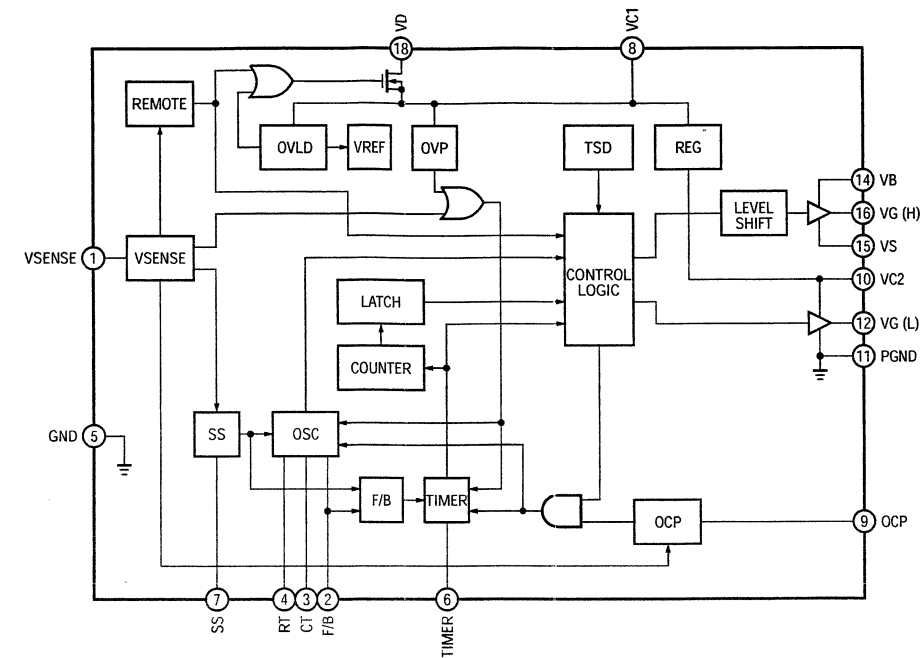
GB (3/3) BA00ASFP-E2 (IC302, IC307)  
GB (3/3) BA00AST (IC301, IC305)



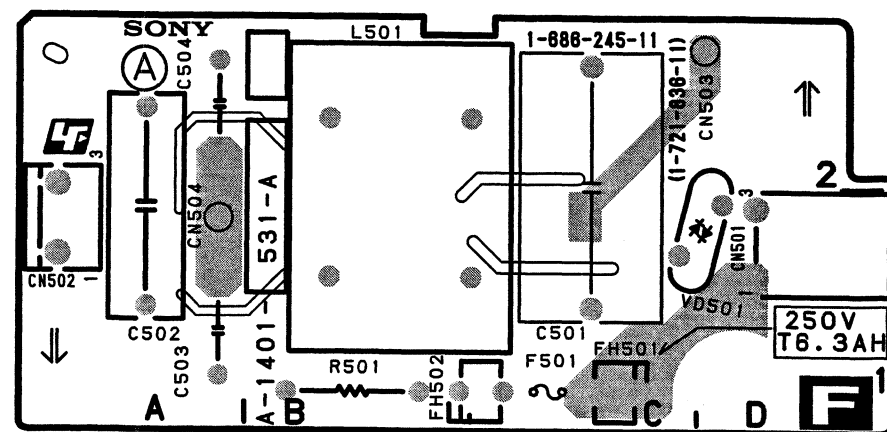
GB (2/3) MAX1626ESA-TE2 (IC201)



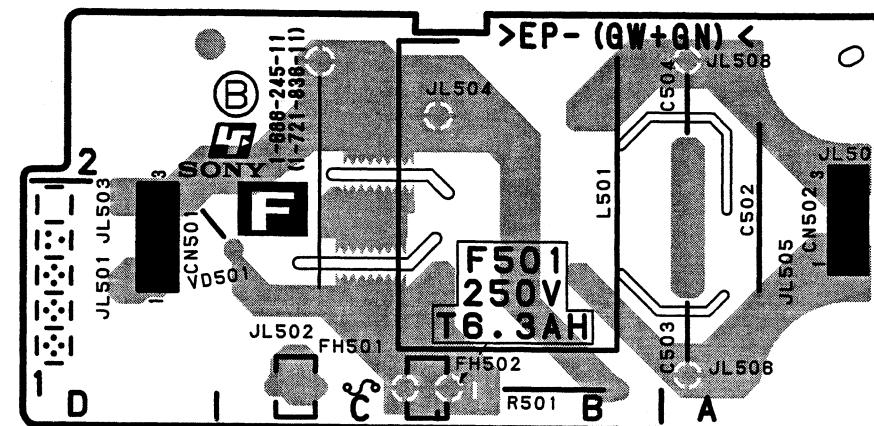
GB (1/3) MCZ3001D (IC102)



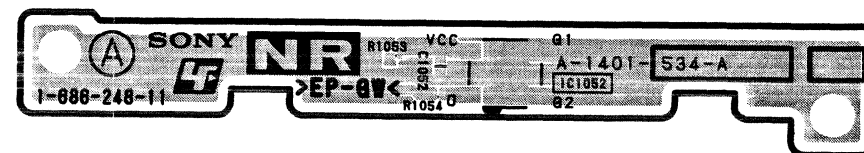
F, NR, U, V      F, NR, U, V



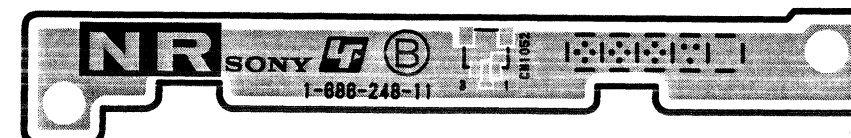
**F -A SIDE-**  
SUFFIX: -11



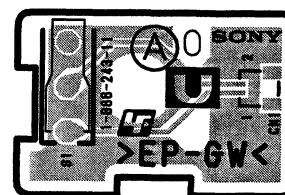
**F -B SIDE-**  
SUFFIX: -11



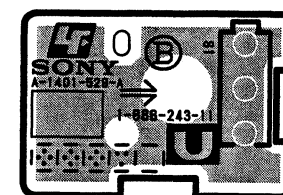
**NR -A SIDE-**  
SUFFIX: -11



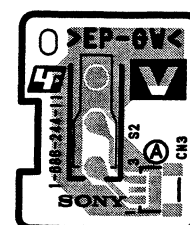
**NR -B SIDE-**  
SUFFIX: -11



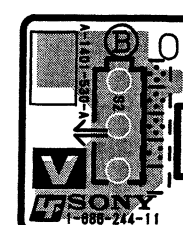
**U -A SIDE-**  
SUFFIX: -11



**U -B SIDE-**  
SUFFIX: -11

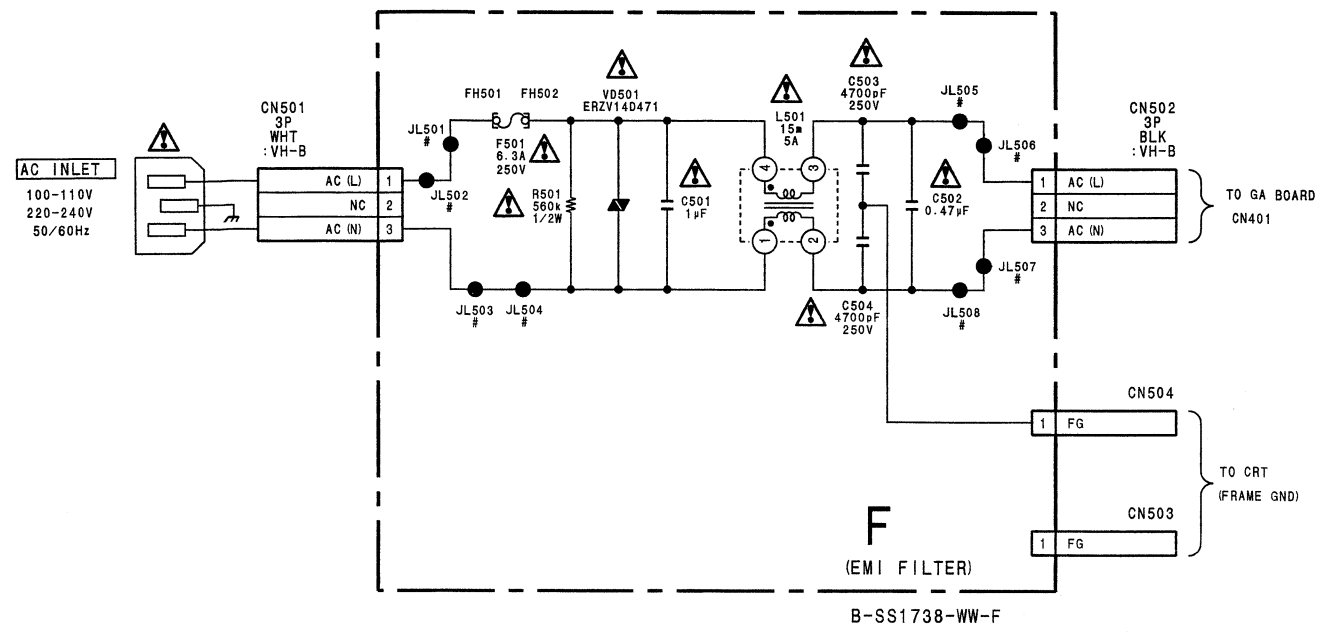


**V -A SIDE-**  
SUFFIX: -11



**V -B SIDE-**  
SUFFIX: -11

F F



## SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety checks before releasing the set to the customer :

Check the metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

### LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA. Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2 V AC range are suitable. (See Fig. A)

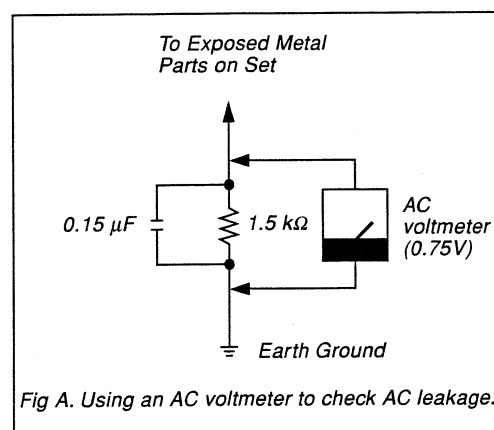


Fig A. Using an AC voltmeter to check AC leakage.